OPERATION MANUAL

SM-720
EDITION 01

01/07/13

Table of Content

GENERAL INFORMATION

Key Panel

Bench Type
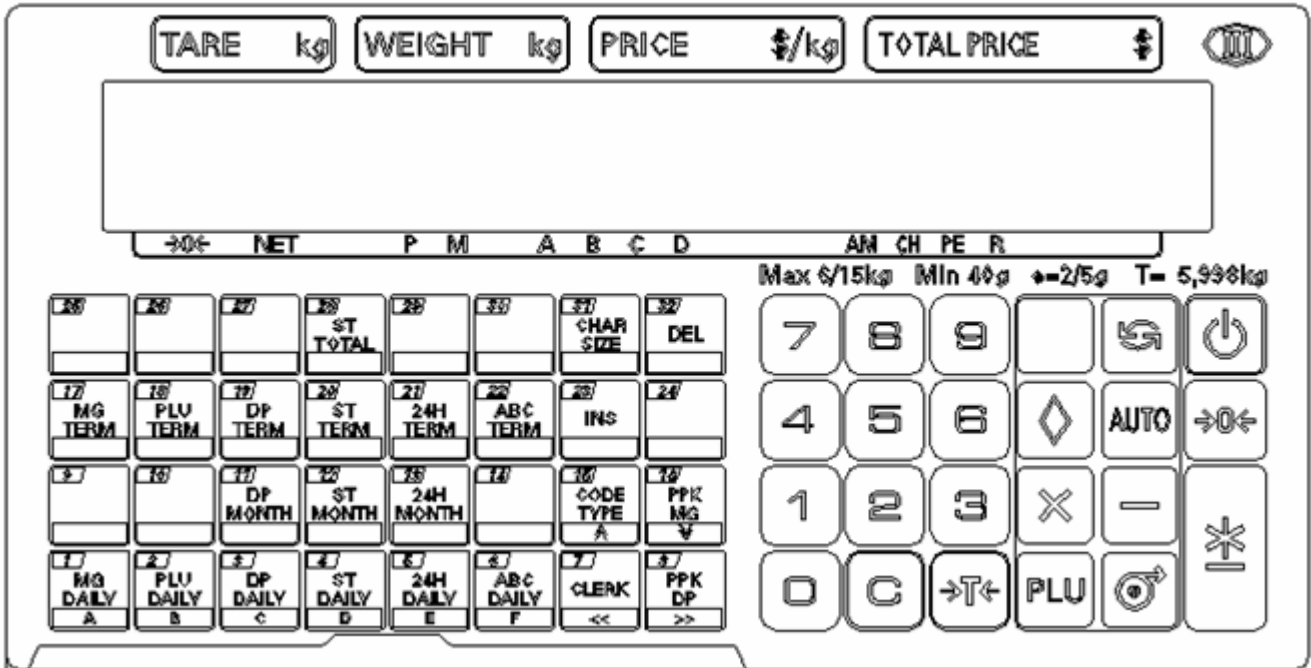
Pole Type (56 Preset Keys)
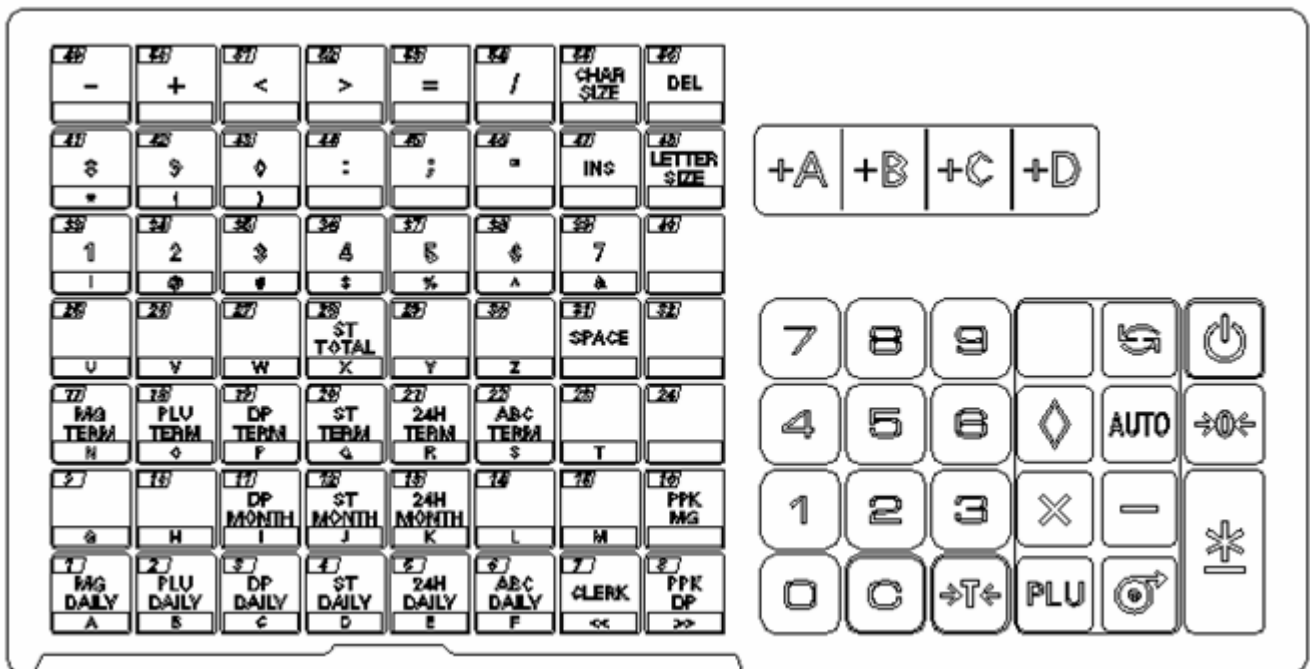
Pole Type (100 Preset Keys)

Key Functions

1. Normal Keys Function

Please refer to the followings for the detail explanation about each key function in Programming Mode.

ON/OFF KEY
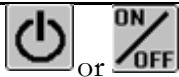
❖ Turn display "ON" or "OFF".

NUMERIC KEYS

❖ Enter numeric data.

TARE KEY

❖ Set or Clear Tare value.

❖ Select "NO" in S and Z Mode.

❖ Item test print in S Mode.

CLEAR KEY

❖ For Back space or Clear numeric value.

❖ Select "YES" in S and Z Mode.

RE-ZERO KEY
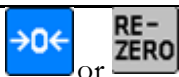
❖ Reset weight to ZERO.

PREPACK KEY
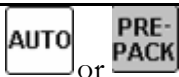
❖ Switch Manual mode and Pre-pack mode alternatively.
(The mode status will be indicated in the **P/PPK** or **M/MAN** indicator.)
  ▪**P/PPK** - PRE-PACK MODE   ▪ **M/MAN** - MANUAL MODE

CHANGE KEY
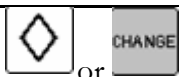
❖ Calculate the Changed Amount.

❖ Escape the Programming screen without saving data in S Mode.

MULTIPLLE KEY
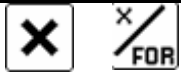
or

❖ Register the number of Non-Weight products.

❖ Select programming item such as PLU data, Shop Name in S Mode.

❖ Select Report Type in X Mode.

❖ Select Data Transaction Type in Z Mode.

CLERK KEY
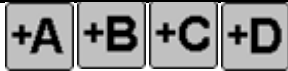
❖ Accumulate the Total Price.

VOID KEY
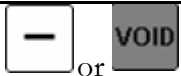
or

❖ Correct the sales data.

PLU KEY
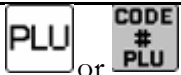
or

❖ Call up PLU data in R Mode.

❖ Store the programmed data in S Mode.

FEED KEY
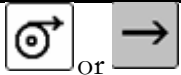
or

❖ Feed Label or Receipt paper

PRINT KEY
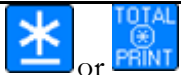
or

❖ Print out Label or Receipt.

MODE SELECT KEY
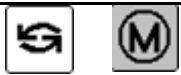
or

❖ Five Modes can be selected using this key.

- **R MODE** - REGISTRATION MODE (All the sales transactions are performed.)

- **X MODE**- CHECK MODE (Printing out and sales report.)

- **S MODE** - PROGRAM MODE (Programming preset data, such as products, data, shop name, etc.)

- **Z MODE** - TOTAL MODE (Clear sales data stored.)

- **PASSWORD MODE** - Password Setting Mode (Set PASSWORD for X, S, Z mode and PASSWORD MODE).

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2. Preset Keys Function in Programming Mode

Please refer to the followings for the detail explanation about each Preset key function in Programming Mode.

(keys) to DEL	❖ Call up Preset data such as PLU Data or Function Data in Reg. Mode. ❖ Enter Alphabetic data in S Mode (Program Mode). ❖ Enter Report Type in X Mode (Report Mode).

Note 1: The following Preset Keys are used in entering Alphabetic for **POLE TYPE.**

CLERK or PPK DP	❖ Select Parameter Data such as Barcode type and print Label Format. ❖ Move the cursor Change the entry to Left or Right.
INS	❖ Switch INSERT or OVERWRITE alternatively.
LETTER SIZE	❖ Switch Cap / Lower case.
CHAR SIZE	❖ Change Font size.
C	❖ Backspace.
DEL	❖ Delete the Data.
40/	❖ Select Code types (Preset key, ASCII Code, Teraoka Code, etc.) for enter Commodity Descriptions, Commercial Message, and Shop Name etc. *Please refer to Table of Characters Code.

Note 2: The following Preset Keys are used for entering Character Parameter or Text Data for **BENCH TYPE**.

CLERK or **PPK DP**	❖ Select Parameter Data such as Barcode type and print Label Format. ❖ Move the cursor Change the entry to Left or Right.
INS	❖ Switch INSERT or OVERWRITE alternatively.
CHAR SIZE	❖ Change Font size.
C	❖ Backspace.
DEL	❖ Delete the Data.
CODE TYPE	❖ Select Code types (ASCII Code, Teraoka Code, etc.) for enter Commodity Descriptions, Commercial Message, and Shop Name etc. *Please refer to Table of Characters Code.

Table of Characters Code

1. ASCII Code

The table shown below is the common use of characters of ASCII code in HEX value. Please enter the hex value when entering commodity name, advertisement, shop name, clerk name, special message, ingredient, text etc. when using the SM-720.

↑	↓	→	←												
18	19	1A	1B												
SP	!	"	#	$	%	&	'	(	)	∗	+	,	-	.	/
20	21	22	23	24	25	26	27	28	29	2A	2B	2C	2D	2E	2F
0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
30	31	32	33	34	35	36	37	38	39	3A	3B	3C	3D	3E	3F
@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
40	41	42	43	44	45	46	47	48	49	4A	4B	4C	4D	4E	4F
P	Q	R	S	T	U	V	W	X	Y	Z				^	_
50	51	52	53	54	55	56	57	58	59	5A				5E	5F
	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
	61	62	63	64	65	66	67	68	69	6A	6B	6C	6D	6E	6F
p	q	r	s	t	u	v	w	x	y	z					
70	71	72	73	74	75	76	77	78	79	7A					
Ç	ü	é	â	ä	à		ç	ê	ë	è				Ä	
80	81	82	83	84	85		87	88	89	8A				8E	
É	æ	Æ	ô	ö			ù		Ö	Ü		£			ƒ
90	91	92	93	94			97		99	9A		9C			9F
á	í	ó	ú	ñ	Ñ				Ĕ	C°		ã	Δ	ϱ	χ
A0	A1	A2	A3	A4	A5				A9	AA		AC	AD	AE	AF
Ë	≠	Œ	œ	∗	ĉ	Á	À		Ů				Ó		
B0	B1	B2	B3	B4	B5	B6	B7		B9				BD		
	Â						Ã								
	C1						C7								

7

		Ê		È		Í									
		D2		D4		D6									
	β	Ô		õ	Õ				Ú						
	E1	E2		E4	E5				E9						
	±	≥	≤	Left €	Right €	§		°							
	F1	F2	F3	F4	F5	F6		F8							

Note: For Commodity Name, the small letter cannot print at receipt but will print capital letter.

2. TERAOKA Code

The table shown below is the common use of characters of TERAOKA code in numerical value. Please enter the numerical value when entering commodity name, advertisement, shop name, clerk name, special message, ingredient, text etc. when using the SM-720.

Space	A	B	C	D	E	F	G	H	I
00	01	02	03	04	05	06	07	08	09
J	K	L	M	N	O	P	Q	R	S
10	11	12	13	14	15	16	17	18	19
T	U	V	W	X	Y	Z	,	.	-
20	21	22	23	24	25	26	27	28	29
0	1	2	3	4	5	6	7	8	9
30	31	32	33	34	35	36	37	38	39
@	!	"	#	$	%	&	/	(	)
40	41	42	43	44	45	46	47	48	49
'	<	>	+	:	∗	À	Â	È	Ê
50	58	59	69	72	73	77	78	79	80
É	Ô	Ç	?	→	←				
81	82	83	96	97	98				

SETUP

Password Setting

This function is used to set password so only authorized person can access the modes for operation. Password can be set for the following 4 modes and up to **6 digits** can be entered as Password Code. [To enable this programming mode, please set **SPEC 64 to 0 (ALLOW)** in advance.]

- **Report Mode (X Mode)**
- **Programming Mode (S Mode)**
- **Total Mode (Z Mode)**
- **Password Setting (PROGRAM X MODE PASSWORD)**

1. Procedures of Password Setting

1) At Stand-by Status, enter Password Setting Mode.

   *If not necessary to set password for **X** Mode, just press **[PRINT]** key again to go to next selection (Password setting for S Mode).

KEY TO PRESS	DISPLAY
	PROGRAM X MODE PASSWORD NEW PASSWORD 0-9 / CLEAR PRINT / EXIT MODE

2) Enter password code (**e.g.** 111) for Report Mode (**X** Mode).

KEY TO PRESS	DISPLAY
	PROGRAM X MODE PASSWORD TO SAVE PRESS PRINT 111

Note: To escape without saving the **X** Mode password setting, press **[MODE]** key to exit (Back to Stand-by Status).

3) Save the password code for X Mode and go to next selection.

KEY TO PRESS	DISPLAY
✳	PROGRAM S MODE PASSWORD NEW PASSWORD 0-9 / CLEAR PRINT / EXIT MODE

Note: If not necessary to set password for **S** Mode, just press **[PRINT]** key again to go to next selection (Password setting for Z Mode) or press **[MODE]** key to Save & Exit from password setting mode.

4) Enter password code (**e.g.** 222) for Programming Mode (S Mode) and save & go to next selection.

KEY TO PRESS	DISPLAY
2 2 2 ✳	PROGRAM Z MODE PASSWORD NEW PASSWORD 0-9 / CLEAR PRINT / EXIT MODE

Note: If not necessary to set password for **Z** Mode, just press **[PRINT]** key again to go to next step (Password setting for Password Mode of Password) or press **[MODE]** key to Save & Exit from password setting mode.

5) Enter password code (**e.g.** 333) for Total Mode (Z Mode) and save & go to next selection.

KEY TO PRESS	DISPLAY
3 3 3 ✳	PASSWORD FOR PASSWORD MODE NEW PASSWORD 0-9 / CLEAR PRINT / EXIT MODE

6) Enter password code (**e.g.** 444) for Password Mode and save it.

   *If not necessary to set password for Password Mode press **[PRINT]** key to save & exit.

KEY TO PRESS	DISPLAY
4 4 4 ✳	0.000 0.000 0.00 0.00 →0← MAN

2. Use Password

For example: To enter Programming Mode.

1) Stand-by Status.

KEY TO PRESS	DISPLAY
	0.000 0.000 0.00 0.00 →O← MAN

2) Enter programming Mode.
      *Press **[RE-ZERO]** key with in 2 seconds after pressing **[MODE]** key.

KEY TO PRESS	DISPLAY
⟳ →0← ⟳	ENTER S MODE PASSWORD ENTER:

3) Enter Password Code (**e.g.** 222) for Programming Mode.

KEY TO PRESS	DISPLAY
2 2 2	ENTER S MODE PASSWORD ENTER: ---

4) Enter Programming Mode.

KEY TO PRESS	DISPLAY
✱	PLU PROGRAMMING ENTER: 0 ENTER PLU # AND PRESS PRINT KEY

Note: A message **"PWD NG"** appears on the display for a second if enter wrong Password Code.

3. Delete Password Code

For example: Delete password code for **REPORT MODE (X Mode)**.

1) Enter Password Setting Mode from Stand-by Status.

KEY TO PRESS	DISPLAY
🔄 →0← 🔄 🔄 🔄	ENTER PASSWORD MODE PASSWORD ENTER:

2) Enter password code (**e.g.** 444) for Password Mode of Password and entry password setting mode.

KEY TO PRESS	DISPLAY
4 4 4 ✳	PROGRAM X MODE PASSWORD OLD P.WD: 111 NEW PASSWORD 0-9 / CLEAR PRINT / EXIT MODE

3) Delete password code for **Report Mode** (X MODE).

　* If you want to change the password code, enter the new password you want and then press **[PRINT]** key to save & go to next selection.

KEY TO PRESS	DISPLAY
✳	PROGRAM S MODE PASSWORD OLD P.WD: 222 NEW PASSWORD 0-9 / CLEAR PRINT / EXIT MODE

4) Save the data and exit from password setting mode.

　*If you want to delete others Mode password code, just press **[PRINT]** key to delete its.

KEY TO PRESS	DISPLAY
🔄	**0.000 0.000 0.00 0.00** →0← MAN

Closing & Report

This function is used to clear the total data for report printing. The following **6 CLEAR** nodes are available.

Key To Press	Data File
1 ✕	**CLEAR DAILY TRANSACTION**
2 ✕	**CLEAR MONTHLY TRANSACTION**
3 ✕	**CLEAR TERM TRANSACTION** ***Note:** TERM means the period from the last clear transaction to next clear transaction.
4 ✕	**CLEAR ALL TRANSACTION** (Clearing Daily, Monthly and Term Sales)
5 ✕	**CLEAR TRACEABILITY TRANSACTION** ***Note:** To enable this Moe, **SPEC 278** must set to **YES**.
7 ✕	**CLEAR INVENTORY TRANSACTION**

Note: By setting **SPEC 65** set to **1**, Store Summary Report will be printed before clearing **Daily** or **Term** transaction data.

There are two ways to select the Transaction type by using different keys such as:

- Enter the Numeric key and then press **[X]** key.

- Press **[X]** key to select.
  (Data processing: Daily Data → Monthly Data → Term Data → All Data → Traceability Report → Inventory Report → Daily Data).

Transaction example: To Clear TERM Transaction.

1) Enter Total Mode ("**Z**" Mode) from Stand-by-Status (REG. Mode).

   * Press **[RE-ZERO]** key within two seconds after pressing **[MODE]** key.

KEY TO PRESS	DISPLAY	
🔄 →0← 🔄 🔄	Z MODE	TO CLEAR DAILY TRANSACTION PRESS PRINT KEY

2) Enter Clear TERM Transaction mode.

KEY TO PRESS	DISPLAY
3 **✕** or **✕** **✕**	Z MODE E TO CLEAR TERM TRANSACTION PRESS PRINT KEY

3) Enter Clearing Mode.

KEY TO PRESS	DISPLAY
✳	TERM TRANSACTION CLEAR CLEAR? YES: CLEAR KEY / NO: TARE KEY

4) Clear the Transaction.

   *If you want to cancel clearing transaction, press **[TARE]** key.

KEY TO PRESS	DISPLAY
C	# PLEASE WAIT
	Z MODE TO CLEAR TERM TRANSACTION PRESS PRINT KEY

5) Return to Stand-by Status.

KEY TO PRESS	DISPLAY
↻ ↻	0.000 0.000 0.00 0.00 →0← MAN

PROGRAM MODE

Programmable Files

In Programming Mode, there are two ways to select the Programming File by using different keys such as:

- Enter the Number and then press **[X]** key.

- Press **[X]** key or **[−]** key to select the Data File.

The files listed below can be programmed in PROGRAM Mode **(S Mode)**.

Key To Press	Data files	Key To Press	Data files
[1] [X]	PLU Programming	**[1] [8] [X]**	Tax Programming
[2] [X]	Department Programming	**[1] [9] [X]**	Program or Skip Item Data
[3] [X]	Main Group Programming	**[2] [0] [X]**	Memory Status
[4] [X]	Key Assignment	**[2] [2] [X]**	Price Change Programming
[5] [X]	Shop Name Programming	**[2] [4] [X]**	Special Price Programming
[6] [X]	Advertisement Programming	**[3] [3] [X]**	Job Batch Programming
[7] [X]	Clerk Programming	**[3] [4] [X]**	Country Name Programming.
[8] [X]	Date and Time Programming	**[3] [5] [X]**	Cutting Hall Programming
[9] [X]	Special Message Programming	**[3] [6] [X]**	Slaughter House Programming.
[1] [0] [X]	Ingredients Programming	**[3] [7] [X]**	Traceability Programming
[1] [1] [X]	Text Programming	**[4] [1] [X]**	Cash Drawer (Cash IN / OUT)
[1] [2] [X]	Free Format Programming	**[4] [2] [X]**	LCD Setting Programming
[1] [3] [X]	Scrolling Message Programming	**[4] [4] [X]**	LCD Display Programming
[1] [4] [X]	Scroll Sequence Programming	**[4] [7] [X]**	Kind File Programming
[1] [5] [X]	Place Programming	**[4] [8] [X]**	Category File Programming
[1] [7] [X]	Logo Programming	**[4] [9] [X]**	Breed File Programming

General Explanation

DEPARTMENT, MAIN GROUP and **PLU** files are connected as shown below. By the following linking method, more detail and concrete information on sales transaction or pre-pack data can be got by printing various reports.

 ◆ **DEPARTMENT FILE**

 DEPARTMENT file is the largest category whose items are like MEAT, FISH, VEGETABLE or DELICATESSEN etc.

 ◆ **MAIN GROUP FILE**

 MAIN GROUP file is the middle category including items such as BEEF, PORK, CHICKEN, etc. You can link a Main Group to a Department in the Main Group file. Tax Number can be assigned to a Main Group. The assigned Tax Number will apply for all the PLU's assigned to the Main Group.

 ◆ **PLU FILE**

 PLU File is the smallest category including items such as BEEF SLICE, BEEF SHOULDER and BEEF SIRLOIN. You can link the PLU to a Main Group in the PLU programming file.

The PLU is linked to a Main Group. The Main Group is linked to a Department.
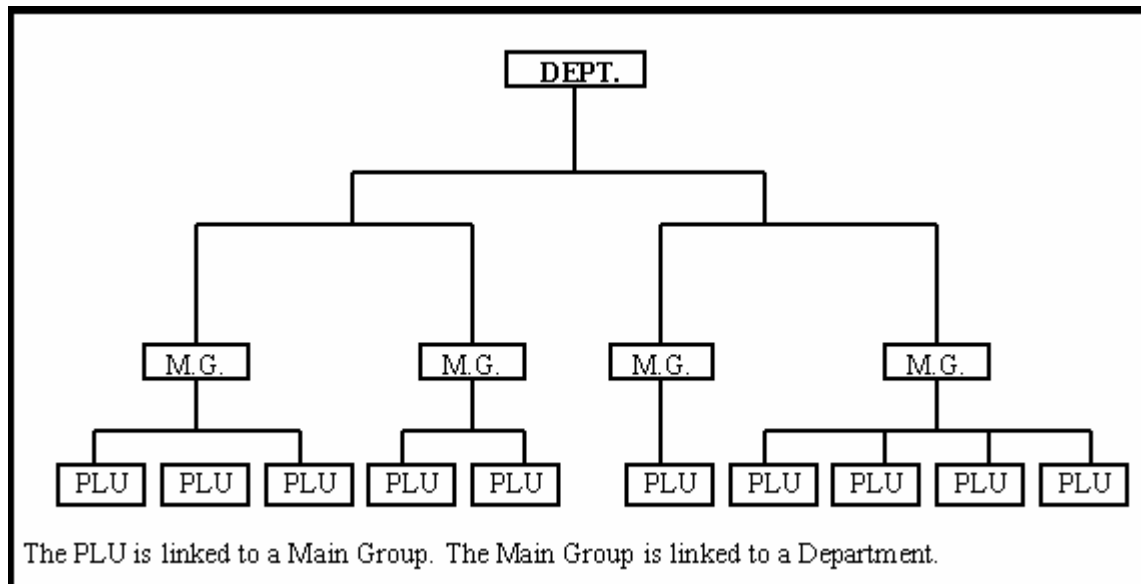
Department Files

Department file is used for categorizing Main Groups. Department Number between 1 ~ 99 are available for programming. The Main Groups that are not linked to any Department will be assigned to Department Number 97 automatically. Maximum 16 characters per file are available and each with 1 line.

> **Note:**
>
> a) Non-PLU data (weighing items) will be assigned to Department file No.98.
>
> b) Non-PLU data (Non-weighing items) will be assigned to Department file No.99.
>
> c) The Department names programmed are not printed on the label or receipt but are for reporting.

1. Program Department File

1) Stand-by Status.

KEY TO PRESS	DISPLAY
	0.000 0.000 0.00 0.00

2) Enter programming Mode.

KEY TO PRESS	DISPLAY
	PLU PROGRAMMING ENTER: 0 ENTER PLU # AND PRESS PRINT KEY

3) Select Department programming mode.

KEY TO PRESS	DISPLAY
2 ✕ ✕ or	PROGRAM DEPARTMENT ENTER: 0 ENTER DEPARTMENT # AND PRESS PRINT KEY

4) Enter new Department Number (**e.g.** 1) programming mode.

*For edit, enter existing Dept. Number.

KEY TO PRESS	DISPLAY	
1 **✳**	DEPT # 01 ▮ CHAR 1	PRESET KEY

5) Enter Department Name (**e.g.** MEAT) by press the Preset Keys.

KEY TO PRESS	DISPLAY	
48/ LETTER SIZE 15/ 5/ 24H DAILY M 1/ MG DAILY E 23/ A T	DEPT # 01 **MEAT▮** CHAR 5	PRESET KEY

Note: Please refer to Preset Keys Function in Programming Mode and Table of Characters Code for Department Name entries by using ASCII Code or TERAOKA Code.
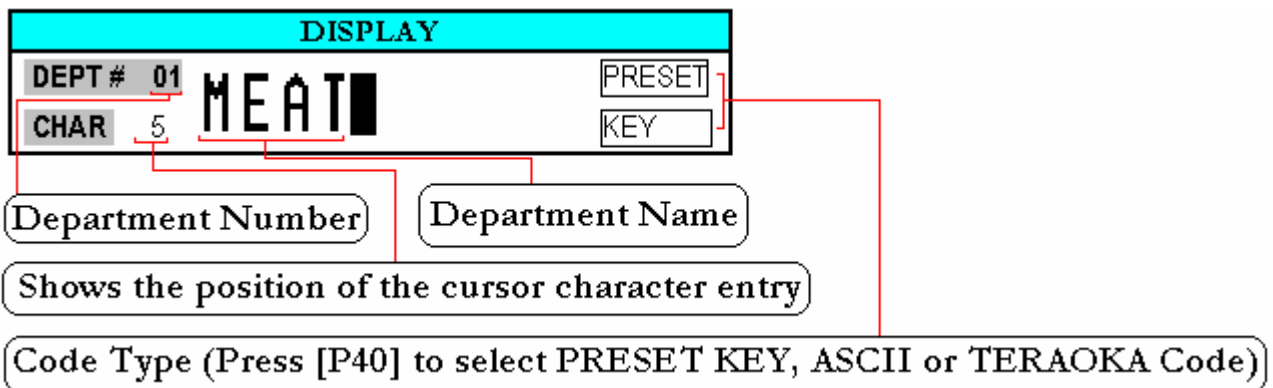
6) Save the data.

*If you want to exit without saving data, press **[CHANGE]** key and then follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
PLU	PROGRAM DEPARTMENT ENTER: 0 ENTER DEPARTMENT # AND PRESS PRINT KEY

2. Print Department File

The following operation is used for checking Department Data programmed. The report is printed on **receipt paper** and there are two different print types, **Full report** & **Single report**. The Full report includes all the programmed data, and the Single report only includes one data.

Single Report Printing

1) At Department programming mode, enter existing Department Number (**e.g.** 3) then print out report

   *If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
3	PROGRAM DEPARTMENT ENTER: 3 ENTER DEPARTMENT # AND PRESS PRINT KEY
→T←	PRINTING
	PROGRAM DEPARTMENT ENTER: 0 ENTER DEPARTMENT # AND PRESS PRINT KEY

Full Report Printing

1) At Department programming mode, print out full report.

   *If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
→T←	PRINTING
	PROGRAM DEPARTMENT ENTER: 0 ENTER DEPARTMENT # AND PRESS PRINT KEY

3. Delete Department File

When the MAIN GROUP FILE exists under the Department Number, the Department Number cannot be deleted. In addition, the Department Number 97, 98 and 99 cannot be deleted.

1) At Department programming mode, enter existing Department Number (**e.g.** 3) to be deleted.

KEY TO PRESS	DISPLAY
3	PROGRAM DEPARTMENT ENTER: 3 ENTER DEPARTMENT # AND PRESS PRINT KEY

2) Enter deleting mode.

KEY TO PRESS	DISPLAY
−	DELETE? YES: CLEAR KEY / NO: TARE KEY

3) Delete Department Number 3.

    *If you want to cancel the deletion, press **[TARE]** key to exit.

KEY TO PRESS	DISPLAY
C	PROGRAM DEPARTMENT ENTER: 0 ENTER DEPARTMENT # AND PRESS PRINT KEY

Main Group Files

Main Group is the middle category and can be assigned to a Department. The Main Group file is used for categorizing the PLU's. Main Group Number of 1 ~ 999 are available for programming. PLU's that are not linked to any Main Group Number will be assigned to the Main Group Number 997 automatically. TAX is assigned to every Main Group. The assigned TAX will apply for all the PLU's assigned to the Main Group. Up to 250 data can be programmed in Main Group file. Maximum 16 characters per file are available and each with 1 line.

Note:

a) Non-PLU data of Weighing items will be assigned to main group file No.998.

b) Non-PLU data of Non-weighing items will be assigned to main group file No.999.

c) The Main Group names programmed are not printed on the label or receipt but are for reporting.

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1. Program Main Group File

1) At Programming Mode, select Main Group programming mode and enter new Main Group Number (**e.g.** 3) programming mode.

   *For edit, enter existing Main Group Number.

KEY TO PRESS	DISPLAY
3 **✕**	PROGRAM MAIN GROUP ENTER: 0 ENTER MAIN GROUP # AND PRESS PRINT KEY
3 **✳**	MG # 003 LINKED TO DEPARTMENT # 97

2) Enter the existing Department Number (**e.g.** No.1), if not necessary to change the Department Number, just press **[PRINT]** key to enter next selection.

KEY TO PRESS	DISPLAY
1 **✳**	MG # 003 TAX # 0

3) Enter the existing TAX Number (**e.g.** No.1), if not necessary to link the Tax Number, press **[PRINT]** key to enter next selection.

   Note: This procedure will skip if **SPEC 603** is set to **"NO TAX"**.

KEY TO PRESS	DISPLAY
1 **✳**	MG #　003 TRACEABILITY #　　0

4) Enter existing Traceability Number (**e.g.** 36), if not necessary to link the Traceability Number, just press **[PRINT]** key to enter next selection.

   Note: This procedure will skip if **SPEC 258** is set to **"NO"**.

KEY TO PRESS	DISPLAY	
3 **6** **✳**	MG #　003　　　█ CHAR　1	PRESET KEY

5) Enter Main Group Name as the same procedure as Department Name entry (**e.g.** BEEF).

KEY TO PRESS	DISPLAY	
48/LETTER SIZE 2/PLU DAILY B 5/24H DAILY E 5/24H DAILY E 6/ABC DAILY F	MG #　003　　BEEF█ CHAR　5	PRESET KEY

6) Save the data.

   *If you want to exit without saving data, press **[CHANGE]** key and then follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
PLU	PROGRAM MAIN GROUP　ENTER:　　0 ENTER MAIN GROUP # AND PRESS PRINT KEY

2. Print Main Group File

The following operation is used for checking Main Group Data programmed. The report is printed on **receipt paper** and there are two different print types, **Full report** & **Single report**. The Full report includes all the programmed data, and the Single report only includes one data.

Single Report Printing

1) At Main Group programming mode, enter existing Main Group Number (**e.g.** 3) then print out report

   *If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
３	PROGRAM MAIN GROUP ENTER: 3 ENTER MAIN GROUP # AND PRESS PRINT KEY
＊	PRINTING PROGRAM MAIN GROUP ENTER: 0 ENTER MAIN GROUP # AND PRESS PRINT KEY

Full Report Printing

1) At Main Group programming mode, print out full report.

   *If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
→T←	PRINTING PROGRAM MAIN GROUP ENTER: 0 ENTER MAIN GROUP # AND PRESS PRINT KEY

3. Delete Main Group File

When the PLU FILE exists under the Main Group Number, the Main Group Number cannot be deleted. In addition, the Main Group Number 997, 998 and 999 cannot be deleted.

1) At Main Group Programming Mode, enter existing Main Group Number (**e.g.** 3) to be deleted.

KEY TO PRESS	DISPLAY
3	PROGRAM MAIN GROUP ENTER: 3 ENTER MAIN GROUP # AND PRESS PRINT KEY

2) Enter deleting mode.

KEY TO PRESS	DISPLAY
—	DELETE? YES: CLEAR KEY / NO: TARE KEY

3) Delete Main Group Number 3.

   *If you want to cancel the deletion, press **[TARE]** key to exit.

KEY TO PRESS	DISPLAY
C	PROGRAM MAIN GROUP ENTER: 0 ENTER MAIN GROUP # AND PRESS PRINT KEY

Program / Skip Item Data

Unnecessary PLU parameters will be skipped automatically due to auto-skip function, it is possible to set only necessary PLU parameter in PLU programming procedure "Program PLU File". The following parameters are available for Program/ Skip function.

Parameters	Parameters	Parameters	Parameters
Label Format 1	Tare	Special Message	Proportional Tare
Label format 2	Quantity	Ingredient	Traceability
Barcode Selection	Quantity Unit	Place No.	Storage Temperature
Barcode Flag Data	Discount Status	Image	Pack. Indicator
Barcode Item Code	Discount Date	Bonus	Multi Barcode 1
Main Group Entry	Discount Time	ITF Selection	Multi Barcode 2
Sell By Date	Mark down Status	Reference PLU No.	Total Multi Barcode 1
Sell Time	Discount Limit 1	Security PLU	Total Multi Barcode 2
Used By Date	Discount Limit 2	Coupled PLU	Unit Price Selection
Packed Date	Special Message No.	Discount day of the week	Tare Limit 1 & 2
Packed Time	Ingredient No.	EAN 5 Digit ADD-ON	
Cost	Commodity Name	TAX No.	

1) At Programming Mode, select PLU Item Selection Mode and enter.

KEY TO PRESS	DISPLAY
1 **9** **✕**	PLU ITEM SELECT ENTER: 0 PRESS PRINT KEY FOR PLU ITEM SELECTION

2) Enter Program or Skip parameter selection mode.

KEY TO PRESS	DISPLAY
✻	PLU ITEM SELECT DISABLE LABEL FORMAT 1 USE MULTIPLY KEY TO DISABLE OR ENABLE ITEM

3) Select parameter of Main Group Entry and ENABLE it.

KEY TO PRESS	DISPLAY
✳ ✳ ✳ ✳ ✳	PLU ITEM SELECT DISABLE MAIN GROUP ENTRY USE MULTIPLY KEY TO DISABLE OR ENABLE ITEM
✕	PLU ITEM SELECT ENABLE MAIN GROUP ENTRY USE MULTIPLY KEY TO DISABLE OR ENABLE ITEM

Note: Press **[PRINT]** key to next parameter or **[−]** key to previous parameter and select PROGRAM or SKIP for each parameter, if necessary.

4) After finish setting, save it.

*If you want to exit without saving, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
PLU	PLU ITEM SELECT ENTER: 0 PRESS PRINT KEY FOR PLU ITEM SELECTION

PLU Programming

The following items can be programmed in PLU PROGRAMMING mode. The format chosen for the PLU will decide what items can be programmed in the PLU file. The items which print areas are not set on the selected format will skip automatically or not printed on label. (If the item doesn't appear on the PLU programming, check whether the parameter is set to ENABLE in Program / Skip Item Data).

1. UNIT PRICE	21. SPECIAL MESSAGE BY PLU
2. LABEL FORMAT 1	22. INGREDIENT BY PLU
3. LABEL FORMAT 2	23. PLACE NUMBER
4. COMMODITY NAME	24. IMAGE NUMBER
5. ITF BARCODE DATA	25. COUPLED PLU NUMBER
6. BARCODE TYPE	26. TAX NUMBER BY PLU
7. FLAG CODE	27. REFERENCE PLU NUMBER
8. ITEM CODE	28. 2ND PRICE
9. EAN 5 DIGIT ADD-ON	29. TRACEABILITY NUMBER
10. MAIN GROUP NUMBER	30. STORAGE TEMPERATURE
11. SELL BY DATE / TIME	31. PACKAGING INDICATOR
12. USED BY DATE	32. MULTI BARCODE 1
13. PACKED DATE / TIME	33. MULTI BARCODE 2
14. COST PRICE	34. TOTAL MULTI BARCODE 1
15. PLU TARE	35. TOTAL MULTI BARCODE 2
16. QUANTITY UNIT	
17. QUANTITY	
18. PLU DISCOUNT	
19. SPECIAL MESSAGE NUMBER	
20. INGREDIENT NUMBER	

1. Program PLU File

PLU data is programmed by following procedure as below.

*If the selected 1st or 2nd label format does not have print area for the PLU items, the item will be skipped automatically or not printed on label.

1) Enter Programming mode from Stand-by Status.

KEY TO PRESS	DISPLAY
⟲ →0← ⟲	PLU PROGRAMMING ENTER: 0 ENTER PLU # AND PRESS PRINT KEY

2) Enter new PLU Number (**e.g.** 10) you want.

   *Maximum 6 digits of PLU Number can be entered.

KEY TO PRESS	DISPLAY
1 0	PLU PROGRAMMING ENTER: 10 ENTER PLU # AND PRESS PRINT KEY

3) Enter PLU file programming mode.

   *To exit without saving data, press **[CHANGE]** key and follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
✳	PROGRAM PLU: 000010 ENTER UNIT PRICE 0.00 /Kg

UNIT PRICE ENTRY

Unit Price per-kg (Weighing Item) is used to calculate the total price with the place weight and Unit Price per-PCS (Non-Weighing Item) is used to calculate total price with Quantity. Maximum 6 digits can be entering for Unit Price.
*Unit Price per-100g can be set at the **SPEC 600.**

1) Enter Unit Price value (**e.g.** $ 1.23). For Non-weighing Item, press Preset key Number 7 (**[P7]**) or Preset Key Number 8 (**[P8]**) to change /Kg to /PCS.

KEY TO PRESS	DISPLAY
1 2 3	PROGRAM PLU: 000010 ENTER UNIT PRICE 1.23 /Kg

> **Note:** Used [MODE] key to toggle flags of UNIT PRICE OVERRIDE, NO PRICE CHANGE or BLANK (PRICE CHANGE) in Individual PLU if **Spec 178 & 244** set to **YES**. The following messages will appear as below:

a) **Unit Price Override per-PLU (SPEC 178 = YES)**, allow to change the Unit Price of the PLU temporally by press the number keys at Registration Mode.

DISPLAY
PROGRAM PLU: 000010   UNIT PRICE OVERRIDE ENTER UNIT PRICE   1.23   /Kg

b) **No Price Change per-PLU (SPEC 244 = YES)**, not allow using Function keys to change the Unit Price at Registration Mode. [**e.g.** Constant Discount Function keys, Unit Price Override & Unit Price Change function key].

DISPLAY
PROGRAM PLU: 000010   NO PRICE CHANGE ENTER UNIT PRICE   1.23   /Kg

c) **Price Change per-PLU (SPEC 244= YES)**, allow using Function keys to change the Unit Price at Registration Mode. But not allow Direct Unit Price Override by press the number key.

DISPLAY
PROGRAM PLU: 000010 ENTER UNIT PRICE   1.23   /Kg

2) Save the data and go to next parameter.

KEY TO PRESS	DISPLAY
✳	PROGRAM PLU: 000010 ENTER: 0 SELECT LABEL FORMAT 1 DEFAULT T8

Label Format 1 Entry

Select an existing label format for 1ˢᵗ Label (**e.g.** T7) by pressing preset key **[P7]** or **[P8]**. Another way to select the Label Format is by enter the label format number by numeric keys. (Please refer to Label Format List).
*The default label format 1 can be set at the **SPEC 24**.

1) Select Label Format you want (**e.g.** T7 by press Preset Key Number 8 ([P8])) and go to next parameter.

KEY TO PRESS	DISPLAY
7 [8 PPK DP >>] or x **7 Times**	PROGRAM PLU: 000010 ENTER: 7 SELECT LABEL FORMAT 1 T7
✳	PROGRAM PLU: 000010 SELECT LABEL FORMAT 2 NOT USED

Label Format 2 Entry

The default label format 2 can be set at **Spec 217** and only exist Free Format (F1 ~ F99) can be enter for the 2ⁿᵈ label format.
*If not necessary to set Label Format 2, press [PRINT] key to next step.

1) Select Label Format you want (**e.g.** F1 by enters the Label Format Number) and go to next parameter.

KEY TO PRESS	DISPLAY
1	PROGRAM PLU: 000010 ENTER: 1 SELECT LABEL FORMAT 1 F1
✳	PLU: COMMODITY NAME PRESET SIZE M3CHAR 26LINE 01 KEY

30

Commodity Name Entry

Maximum 4 lines can be programmed for Commodity Name and number of lines or maximum of characters entry is depends on the Character Size entry or size of the print area. If selected label without print area for Commodity Name, maximum 1 line of 46 characters can be enter for receipt printing (Maximum 2 lines of 25 letters of Commodity Name can be printed on receipt paper).

1) Enter the Commodity Name (**e.g.** BEEF SIRLOIN) by Preset Key and go to next selection.

   *To show full display, press **[X]** key.

KEY TO PRESS	DISPLAY
(keys) • • • • • • •	PLU: COMMODITY NAME SIRLOIN█ PRESET KEY SIZE M3CHAR 14LINE 01
✳	PLU: COMMODITY NAME █ PRESET KEY SIZE M3CHAR 26LINE 02

> **Note:** Please refer to Preset Keys Function in Programming Mode and Table of Characters Code for Commodity Name entries by using ASCII Code or TERAOKA Code.

DISPLAY

PLU: COMMODITY NAME   SIRLOIN█   PRESET KEY

SIZE M3CHAR 14 CHAR01

- Character Size
- Number of Line
- Commodity Name
- Remaining Number of Characters entry
- Code Type (Press [P40] to select PRESET KEY, ASCII or TERAOKA Code)
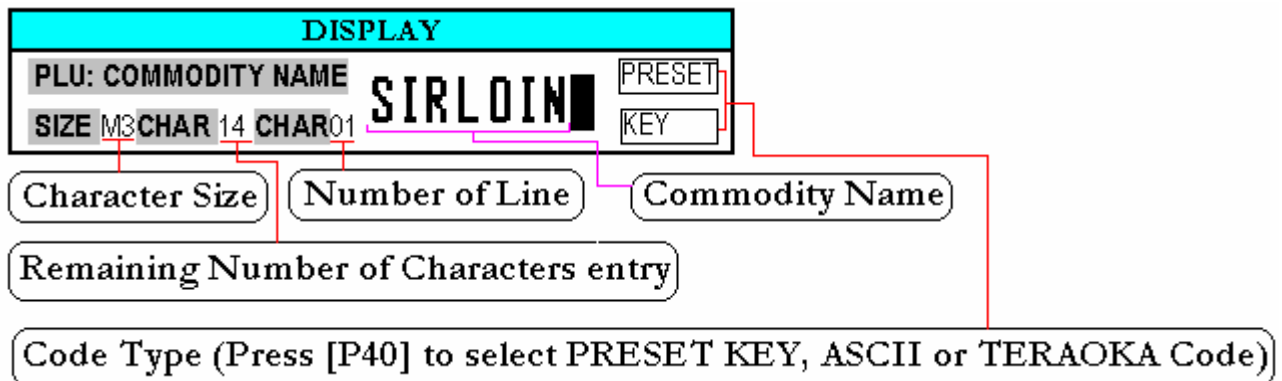
2) Enter the commodity description data in the 2nd row if necessary. If not, press **[PRINT]** key without data and go to next parameter.

KEY TO PRESS	DISPLAY
✳	PROGRAM PLU: 000010 ENTER: 0 ITF SELECTION? YES: 1 KEY / NO: 0 KEY

Select ITF Barcode Data

When ITF Barcode Data been select, the parameter of **EAN 5 Digits Add-On** will skipped and default barcode data to ITF Barcode format can set at **SPEC 331.**

1) Select "**NO PRINT**" ITF Barcode Format.

   *If you want to print ITF Barcode Data on label, press **[1]** key and follow by **[PRINT]** key.

KEY TO PRESS	DISPLAY
✳	PROGRAM PLU: 000010 BAR CODE SELECTION DEFAULT

Barcode Type Entry

The default Item barcode type can be set at **Spec 0** and print Right Side Data of the barcode type can be set at **Spec 1**. The following selections are available:

0: QUANTITY
1: PRICE

   (*Before Tax or After Tax can be set at Spec 2 and print PRICE After Tax on Item Label can be set at Spec 659).

2: WEIGHT

3: USER PROGRAMMABLE

4: ORIGINE
5: WEIGHT / QUANTITY

6: UNIT PRICE

7: UNIT PRICE AFTER DISCOUNT

1) Select the Barcode Data you want (**e.g.** F1F2 CCCCC 0 XXXX CD) and go to next parameter.

   *If you want barcode data by default, just press **[PRINT]** key to go to next step.

KEY TO PRESS	DISPLAY
8/PPK/DP/>> 8/PPK/DP/>> 8/PPK/DP/>> or 2 ✕	PROGRAM PLU: 000010 BAR CODE SELECTION F1F2 CCCCC 0 XXXX CD (13 DIGIT NON-PLU)
✳	PROGRAM PLU: 000010 DEFAULT FLAG CODE FOR MANUAL ENTRY PRESS ARROW KEY

   Note: Please refer to Barcode List to select the barcode type you want.

Barcode Flag Entry

The Default Flag Data can be set at **SPEC 3 ~ 6** and the Flag data consists of one or two digits, which depends on the selected Barcode type.

1) Enter Flag Code manually setting mode.

   *If not necessary to change the Flag Code, just press **[PRINT]** key to go to next step.

KEY TO PRESS	DISPLAY
CLERK or PPK DP	PROGRAM PLU: 000010 ENTER: 02 FLAG CODE

2) Enter new Flag Code you want (**e.g.** 22) and go to next parameter.

KEY TO PRESS	DISPLAY
2 2 ✱	PROGRAM PLU: 000010 ENTER: 00000 ITEM CODE

Item Code Entry

Maximum Digits of Item Code entry is depends on the Barcode type selected and if you want the Item Code automatically same as the PLU Number, **SPEC 191** must set to **"YES"** in advance.

1) Enter Item Code you want (**e.g.** 10161) and go to next parameter.

KEY TO PRESS	DISPLAY
1 0 1 6 1	PROGRAM PLU: 000010 ENTER: 10161 ITEM CODE
✱	PROGRAM PLU: 000010 ENTER: 0 EAN ADD-ON? YES: 1 KEY / NO: 0 KEY

EAN Add-On Barcode Data Entry

This parameter will skip if parameter of Select ITF Barcode Data set to **PRINT**.

1) Select "**NO PRINT**" for EAN ADD-ON Barcode data on label.

   *To select "PRINT", just press [1] key and follow by press **[PRINT]** key.

KEY TO PRESS	DISPLAY
✳	PROGRAM PLU: 000010 ENTER: 997 MAIN GROUP CODE

Main Group Code Entry

The PLU will be linked to the programmed Main Group Number. All the PLU will be assigned to Main Group Number 997 by default. Main Group Code will print on item label if selected label format with print area for Main Group Code.

1) Enter existing Main Group Number (**e.g.** 111) and go to next parameter.

KEY TO PRESS	DISPLAY
1 1 1	PROGRAM PLU: 000010 ENTER: 111 MAIN GROUP CODE
✳	PROGRAM PLU: 000010 ENTER: 1 SELL BY DATE? YES: 1 KEY / NO: 0 KEY

34

Sell-by-Date & Sell Time Entry

Maximum value 999 can be enter for Sell-by-Date.

Note:

- The Sources of Sell-by-Date (FROM CURRENT DATE or FORM PACKED DATE) can be select at **SPEC 109**.

- If Sell-by-Date enter more than 90days, print **DAY** of Sell-by-Date on item label can be select at **SPEC 142**.

- Program Sell by Date or Sell by Time for individual PLU can be select at **SPEC 152** (Use **[X]** key to toggle).

- Print ZERO or PLU Setting Sell-by-Date on label in MANUAL MODE can be select at **SPEC 201**.

- Print Format of Year on label can be select at **SPEC 17** and print digits of Year on label can select at **SPEC 141**.

- Print Format of Month on label can be select at **SPEC 197**.

- Print Format of Time on label can be select at **SPEC 233**.

- Print Date Title on label can be set at **SPEC 167**.

1) Select "**PRINT**" Sell-by Date on item label.

   *Press **[0]** key and follow by **[PRINT]** key to select "NO PRINT" Sell-by Date on item label.

KEY TO PRESS	DISPLAY
✳	PROGRAM PLU: 000010 ENTER: 0 SELL BY DATE FROM CURRENT DATE

2) Enter days for Sell-by-Date (**e.g.** 3 days) and go to next selection.

   *The parameter for SELL TIME will skip if selected format with out print area for Sell Time.

KEY TO PRESS	DISPLAY
3	PROGRAM PLU: 000010 ENTER: 3 SELL BY DATE FROM CURRENT DATE
✳	PROGRAM PLU: 000010 ENTER: 1 SELL TIME? YES: 1 KEY / NO: 0 KEY

3) Select "**PRINT**" Sell Time on Item Label.

*Press **[0]** key and follow by **[PRINT]** key to select "NO PRINT" Sell time on item label.

KEY TO PRESS	DISPLAY
✳	PROGRAM PLU: 000010 ENTER: 0 TIME SOURCE? 0=CLOCK TIME, 1=MANUAL ENTRY

4) Select manually enter Sell Time.

*Press **[0]** key and follow by **[PRINT]** key to select "Current Time".

KEY TO PRESS	DISPLAY
1 ✳	PROGRAM PLU: 000010 ENTER: 0000 SELL TIME

5) Enter Sell Time you want (**e.g.**1330 = 1:30PM) and go to next parameter.

KEY TO PRESS	DISPLAY
1 3 3 0	PROGRAM PLU: 000010 ENTER: 1330 SELL TIME
✳	PROGRAM PLU: 000010 ENTER: 0 USED BY DATE? YES: 1 KEY / NO: 0 KEY

Used By Date Entry

Maximum 999 days can be entering and this parameter will skip if selected label format with out print area for Used by Date.

1) Select "**PRINT**" Used-by Date on item label.

*Press **[0]** key and follow by **[PRINT]** key to select "NO PRINT" Used-by Date on item label.

KEY TO PRESS	DISPLAY
1 ✳	PROGRAM PLU: 000010 ENTER: 0 USED DATE

2) Enter days for Used-by-Date (**e.g.** 10 days from Current Date) and go to next parameter.

KEY TO PRESS	DISPLAY
1 0 ✱	PROGRAM PLU: 000010 ENTER: 0 PACKED DATE? YES: 1 KEY / NO: 0 KEY

Packed Date & Packed Time Entry

Maximum 999 days can be entering for Packed Date.

Note:

- Print PLU setting packed date on item label in Manual Mode can be select at **SPEC 654**.

- Not allow entering DAY of the Packed Date more than DAY of the Sell-by-Date, if **SPEC 109** is set to FROM CURRENT DATE.

1) Select "**PRINT**" Packed Date on item label.

 *Press **[0]** key and follow by **[PRINT]** key to select "NO PRINT" Packed Date on item label.

KEY TO PRESS	DISPLAY
✱	PROGRAM PLU: 000010 ENTER: 0 PACKED DATE

2) Enter days for Packed-Date (**e.g.** 2 days) and go to next selection.

 *The parameter of PACKED TIME will skip if selected format with out print area for Packed Time.

KEY TO PRESS	DISPLAY
2 ✱	PROGRAM PLU: 000010 ENTER: 1 PACKED TIME? YES: 1 KEY / NO: O KEY

3) Select "**PRINT**" Packed Time on item label.

 *Press **[0]** key and follow by **[PRINT]** key to select "NO PRINT" Packed Time on item label.

KEY TO PRESS	DISPLAY
✱	PROGRAM PLU: 000010 ENTER: 0 TIME SOURCE? 0=CLOCK TIME, 1=MANUAL ENTRY

4) Select manually enter Packed Time.

*Press **[0]** key and follow by **[PRINT]** key to select "Current Time".

KEY TO PRESS	DISPLAY
1 **✳**	PROGRAM PLU: 000010 ENTER: 0000 PACKED TIME

5) Enter Packed Time you want (**e.g.** 700 =7:00AM) and go to next parameter.

KEY TO PRESS	DISPLAY
7 **0** **0**	PROGRAM PLU: 000010 ENTER: 0700 PACKED TIME
✳	PROGRAM PLU: 000010 ENTER: 0.00 COST

Cost Price Entry

Cost Price is the buying price by store, so the Cost value must be equal or less than the Unit Price.

1) Enter Cost value (**e.g.** $0.73) and go to next parameter.

*Parameter of PLU Tare will appear.

KEY TO PRESS	DISPLAY
7 **3**	PROGRAM PLU: 000010 ENTER: 0.73 COST
✳	PROGRAM PLU: 000010 ENTER: 0.000 TARE VALUE

Note: For Non-Weight Item, the parameter of Quantity Unit Entry will appear.

DISPLAY
PROGRAM PLU: 000010 PRESS << OR >> TO SELECT   QUANTITY UNIT   NO SYMBOL

PLU Tare Entry

This parameter appears for **Weighing Item** only (For Unit Price /kg or /100g) and for Non-Weighing Item, this parameter will skip. To enable PLU Tare Entry, **Spec 647: PLU TARE** must set to **ALLOW** and in PLU ITEM SELECTION, the parameter of the PLU TARE must set to ENABLE in advance. *Please refer to PROGRAM / SKIP ITEM DATA.

Note:

- Tare value will print on item label if the selected label format will print area for Tare value and **SPEC 642** must set to **ALLOW** in advance.

- Maximum PLU Tare value is depends on **SPEC 638** setting.

1) Enter Tare value (**e.g.** 10g) and go to next parameter.

KEY TO PRESS	DISPLAY
1 **□** **✳**	PROGRAM PLU: 000010 TO SELECT USE ARROW KEYS DISCOUNT TYPE: NO DISCOUNT

Quantity Unit Entry

Quantity Unit Entry is for Non-Weighing Item (For Unit Price /PCS) to select type of the Quantity Symbol and printed on receipt paper or Item Label at Pre-pack Mode. For Weighing Item, this parameter will skip.
Note: Print PLU setting Quantity Unit on label in Manual Mode, **SPEC 98** & **99** must set to **ALLOW** and **SPEC 169** must set to **YES** in advance.

1) Select Unit Symbol you want (**e.g.** FOR) and go to next parameter.

KEY TO PRESS	DISPLAY
PPK DP >> PPK DP >>	PROGRAM PLU: 000010 PRESS << OR >> TO SELECT QUANTITY UNIT FOR
✳	PROGRAM PLU: 000010 ENTER: 0 QUANTITY

Note: Refer the following rotation to select the Quantity Symbol by press Preset key number 7 or Preset key number 8.

→NO SYM ↔ PCS ↔ FOR ↔ KG ↔ LB ↔ G ↔ OZ ←

Quantity Entry

Quantity Entry is for Non-weighing Item to set Quantity value for those items. Maximum 9999 can be entering. For Weighing Item, this parameter will appear only when **SPEC 166: AVERAGE PRICE & WEIGHT LABEL FUNCTION** set to **ENABLE**.

1) Enter Quantity value (**e.g.** 3) and go to next parameter.

KEY TO PRESS	DISPLAY
3	PROGRAM PLU: 000010 ENTER: 3 QUANTITY
✳	PROGRAM PLU: 000010 TO SELECT USE ARROW KEYS DISCOUNT TYPE: NO DISCOUNT

Discount Type Entry

To enable PLU Discount, the **Spec 100: Program PLU Discount** must set to **ALLOW** and in PLU ITEM SELECTION, all parameters of the Discount Status must set to ENABLE in advance.
*Please refer to Program / Skip Item.

1) Select Discount type you want (**e.g.** Unit Price Discount).

KEY TO PRESS	DISPLAY
PPK DP >> PPK DP >>	PROGRAM PLU: 000010 TO SELECT USE ARROW KEYS DISCOUNT TYPE: UNIT PRICE DISCOUNT

> **Note:** Refer the following rotation to select the Discount Type by press Preset key number 7 or Preset key number 8.

↱NO DISCOUNT ↔ FREE ITEM ↔ U.PRICE DISCOUNT ↔ U.PRICE % DISCOUNT ↔ PRICE DISCOUNT ↔ PRICE % DISCOUNT ↔ FIEXD PRICE DISCOUNT ↰

2) Go to nest selection.

*Refer to Table 1 at next page.

KEY TO PRESS	DISPLAY
✳	PROGRAM PLU: 000010 UNIT PRICE DISCOUNT MINIMUM WEIGHT(Kg) FOR 1ST DISCOUNT: 0.000

Table 1

Discount Type	Formula	Example
Free Item ❖ To called up PLU with **0 Unit Price** and allow issuing a receipt or label, **SPEC 231** must set to **"ALLOW"** in advance.	Price = 0	Total Price = 0
Unit Price Discount ❖ To select Formula (1) or Formula (2) can be decided by **SPEC 124** Setting.	(1) Unit Price = Original Unit Price - Unit Price discount amount. (2) Unit Price = Unit Price discount amount.	Original Unit Price = $ 10.00 Unit Price discount amount = $2.00 (1) Unit Price = $10.00 - $2.00 = $8.00 (2) Unit Price = $2.00
Unit Price % Discount	Unit Price = Original Unit Price x (100% - % Discount)	Original Unit Price = $ 10.00 % Discount = 20% Unit Price = $10.00 x (100% - 20%) = $8.00
Total Price Discount	Total Price = Original Price - Price Discount Amount	Original Total Price = $10.00 Price Discount Amount = $2.00 Total Price = $10.00 - $2.00 = $8.00
Total Price % Discount	Total Price = Original Total Price x (100% - % Discount)	Original Total Price = $10.00 % Discount = 20% Total Price = $10.00 x (100% - 20%) = $8.00
Fixed Price Discount	Total Price = Fixed Price Amount	Original Total Price = $10.00 Fixed Price Amount = $8.00 Total Price = $8.00

3) Enter the 1st limit of weight data (**e.g.** 500g).

   *For Non-Weighing item, please enter the Quantity value for the 1st MIN (PCS).

KEY TO PRESS	DISPLAY
5 0 0	PROGRAM PLU: 000010 UNIT PRICE DISCOUNT MINIMUM WEIGHT(Kg) FOR 1ST DISCOUNT: 0.500

4) Go to next selection.

KEY TO PRESS	DISPLAY
✳	PROGRAM PLU: 000010 UNIT PRICE DISCOUNT ENTER 1ST UNIT PRICE DISCOUNT AMOUNT 0.00

5) Enter the Discount Unit Price for the 1st limit (**e.g.** $1.10) and go to next selection.

KEY TO PRESS	DISPLAY
1 1 0	PROGRAM PLU: 000010 UNIT PRICE DISCOUNT ENTER 1ST UNIT PRICE DISCOUNT AMOUNT 1.10
✳	PROGRAM PLU: 000010 UNIT PRICE DISCOUNT MINIMUM WEIGHT(Kg) FOR 2ND DISCOUNT: 99.999

6) Enter the 2nd limit of weight data (**e.g.** 1kg) and go to next parameter.

  *For Non-Weighing item, please enters the Quantity value for the 2nd MIN (PCS). If not necessary to enter 2nd limit of discount, just press [PRINT] key to go to next step.

KEY TO PRESS	DISPLAY
1 0 0 0 ✳	PROGRAM PLU: 000010 UNIT PRICE DISCOUNT ENTER 2ND UNIT PRICE DISCOUNT AMOUNT 1.10

7) Enter the Discount Unit Price for the 2nd limit (**e.g.** $1.00) and go to next parameter.

KEY TO PRESS	DISPLAY
1 0 0	PROGRAM PLU: 000010 UNIT PRICE DISCOUNT ENTER 2ND UNIT PRICE DISCOUNT AMOUNT 1.00
✳	PROGRAM PLU: 000010 ENTER(0-3): 0 MARKDOWN TYPE: NO MARKDOWN

8) Select the Markdown type (**e.g.** Price & Unit Price Markdown) by press the Numeric and go to next parameter.

 *If markdown is selected, the original price & discount price will print on item label and the Original Price will be crossed with 2lines.

KEY TO PRESS	DISPLAY
3	PROGRAM PLU: 000010 ENTER(0-3): 3 MARKDOWN TYPE: PRICE & UNIT PRICE MARKDOWN
✳	PROGRAM PLU: 000010 UNIT PRICE DISCOUNT ENTER DISCOUNT START DATE: 000000

MARKDOWN TYPE

 [0] - No Markdown. **[1] -** Unit Price Markdown. **[2] -** Price Markdown.

 [3] - Price & Unit Price Markdown.

Discount Schedule Setting

Discount schedule setting is available by setting the following items in PLU Discount Mode.

 (1) 1st TRAGET WEIGHT / QUANTITY (First limit)

 (2) DISCOUNT PRICE for first limit.

 (3) 2nd TRAGET WEIGHT / QUANTITY (Second limit)

 (4) DISCOUNT PRICE for second limit.

 (5) START DATE / TIME of the set discount price.

 (6) END DATE / TIME of the set discount price.

 (7) DISCOUNT DAY OF THE WEEK to select discount price for the day of the week.

With the discount schedule, the flexible discount price setting can be programmed and the sales loss by forgetting returning the discount price to the original price can be avoided.

1) Enter start date (**e.g.** 020504 = 2 May 2004).
 *Date format is depending on Spec 17 setting.
 *If not necessary to program Discount Schedule, just press **[PRINT]** key to next parameter you want.

KEY TO PRESS	DISPLAY
2 0 5 0 4	PROGRAM PLU: 000010 UNIT PRICE DISCOUNT ENTER DISCOUNT START DATE: 020504
✳	PROGRAM PLU: 000010 UNIT PRICE DISCOUNT ENTER DISCOUNT START TIME: 0000

2) Enter start time (**e.g.** 1100 =11:00AM) and go to next parameter.

*Discount Time type is depend on Spec 176 setting.

KEY TO PRESS	DISPLAY
1 1 0 0 ✳	PROGRAM PLU: 000010 UNIT PRICE DISCOUNT ENTER DISCOUNT END DATE: 000000

3) Enter the End Date (**e.g.** 090205 = 9 May 2004) and go to next parameter.

KEY TO PRESS	DISPLAY
9 0 5 0 4	PROGRAM PLU: 000010 UNIT PRICE DISCOUNT ENTER DISCOUNT END DATE: 090504
✳	PROGRAM PLU: 000010 UNIT PRICE DISCOUNT ENTER DISCOUNT END TIME: 0000

4) Enter End Time (**e.g.** 1400 = 2:00PM) and go to next parameter.

KEY TO PRESS	DISPLAY
1 4 0 0 ✳	PROGRAM PLU: 000010 S M T W T F S ENTER DAY FOR DISCOUNT 0 0 0 0 0 0 0

5) Select Discount Day of the week (**e.g.** NO DISCOUNT on FRIDAY) and then go to next parameter.

*0 – Discount or 1 – No Discount.

KEY TO PRESS	DISPLAY
1 0	PROGRAM PLU: 000010 S M T W T F S ENTER DAY FOR DISCOUNT 0 0 0 0 0 1 0
✳	PROGRAM PLU: 000010 ENTER SPECIAL MESSAGE NUMBER: 0

Special Message Number Entry

Special message number can be selected from master special message data programmed in advance. Special message number only can be entered when free format (F1~F99) with special message print area is selected for the PLU. This parameter will skip if selected label format with out print area for Special Message.

1) Enter existing Special Message Number (**e.g.** 12) and go to next parameter.

KEY TO PRESS	DISPLAY
1 2	PROGRAM PLU: 000010 ENTER SPECIAL MESSAGE NUMBER: 12
✳	PROGRAM PLU: 000010 ENTER INGREDIENT NUMBER: 0

Ingredient Number Entry

Ingredient Number can be selected from master Ingredients data programmed in advance. Ingredient Number only can be entered when free format (F1~F99) with ingredient print area is selected for the PLU. This parameter will skip if selected label format with out print area for Ingredient.

1) Enter existing Ingredient Number (**e.g.** 41) and go to next parameter.

KEY TO PRESS	DISPLAY
4 1	PROGRAM PLU: 000010 ENTER INGREDIENT NUMBER: 41
✳	PLU000010:SP MSG PRESET SIZE S1CHAR 26LINE 01 KEY

Programming of Individual Special Message

Special message by PLU is the special message data programmed in a PLU, and only applied for the PLU. Maximum 30 lines can be programmed for Special message and number of lines or maximum of characters entry is depends on the Character Size entry or size of the print area. This parameter will skip if selected label format with out print area for Special Message.

Note: If you want print Individual Special message on item label for the PLU, the parameter of Special Message Number Entry must set to **"0"**.

1) If necessary to print Individual Special Message, enter the Individual Special Message Data (**e.g.** TODAY SPECIAL) as the same procedure as Commodity Name entry. If not, just press **[PRINT]** key to go to next parameter.

KEY TO PRESS	DISPLAY
	PLU000010:SP MSG SPECIAL█ PRESET KEY
	SIZE S1CHAR 13LINE 01

2) Enter 2nd line of Special Message entry.

KEY TO PRESS	DISPLAY
✳	PLU000010:SP MSG █ PRESET KEY
	SIZE S1CHAR 26LINE 02

3) Enter Special Message Data in the 2nd row if necessary. If not, press **[PRINT]** key go to next parameter.

KEY TO PRESS	DISPLAY
✳	PLU000010:INGR █ PRESET KEY
	SIZE S1CHAR 24LINE 01

Programming of Individual Ingredient

Individual Ingredient is the ingredient data programmed in a PLU, and only applied for the PLU. Maximum 99 lines can be programmed for Ingredient data and number of lines or maximum of characters entry is depends on the Character Size entry or size of the print area. This parameter will skip if selected label format with out print area for Ingredient data.

Note: If you want print Individual Ingredient data on item label for the PLU, the parameter of Ingredient Number Entry must set to **"0".**

1) If necessary to print Individual Ingredient, enter the Individual Ingredient Data (**e.g.** SUGAR) as the same procedure as Commodity Name entry and then go to 2nd line of Ingredient entry. If not, press **[PRINT]** key.

KEY TO PRESS	DISPLAY
48/LETTER SIZE 22/ABC TERM S 25/ U 9/ G 1/MG DAILY A 21/24H TERM R	PLU000010:INGR SIZE S1CHAR 19LINE 01 SUGAR■ PRESET KEY
✱	PLU000010:INGR SIZE S1CHAR 24LINE 02 ■ PRESET KEY

2) Enter Ingredient Data in the 2nd row if necessary. If not, press **[PRINT]** key go to next parameter.

KEY TO PRESS	DISPLAY
✱	PROGRAM PLU: 000010 ENTER PLACE NUMBER 0

Place Number Entry

Place Number can be select from Master Place data programmed in advance. If the selected label format without print area for Place data, the place data will print on 1st line of the free room of Commodity name print area.

1) Enter existing Place number (**e.g.** 10) and go to next parameter.

KEY TO PRESS	DISPLAY
1 ▢ ✱	PROGRAM PLU: 000010 ENTER IMAGE 1 NUM 0

48

Image Number Entry

Image can be printed on a Free Format with the image print area. Maximum 10 images (Image # 1 to 10) can be printed on one label. To select the favorite image for the PLU, the images must be downloaded in the machine in advance. The Image 1 to 10 will skip if selected label format without print area for its.
Note: Image copy from Free Format can be set at **SPEC 156.**

1) Enter existing Image Number for Image 1 (**e.g.** 41) and then go to next parameter.

 *Press Preset key number 7 or Preset key number 8 to search the existing Images number.

KEY TO PRESS	DISPLAY
4 1 ✳	PROGRAM PLU: 000010 ENTER: 0 COUPLED PLU NUMBER

Coupled PLU Number Entry

Coupled PLU Number is used for Accumulate only and for Non-weighing Item, press **[X]** key to select **"AUTO COPY QTY"** (The message will show on bottom row of the display).

1) Enter Coupled PLU No. (**e.g.** PLU No. 1) and go to next parameter.

KEY TO PRESS	DISPLAY
1 ✳	PROGRAM PLU: 000010 ENTER: 0 TAX NUMBER

Individual Tax Number Entry

TAX Number can be select from Master TAX data programmed in advance. If the PLU Tax number have be enter, the Tax Rate for the PLU will follow the Tax Number setting, not follow Tax Number linked to the Main Group Number.

1) Enter existing Tax Number (**e.g.** 2) and go to next parameter.

KEY TO PRESS	DISPLAY
2 ✳	PROGRAM PLU: 000010 ENTER: 0 REFERENCE PLU NUMBER

Reference PLU Number

This parameter is for **[REFERENCE PLU]** Function Key used in Registration Mode.

1) Enter existing PLU Number (**e.g.** 2) and go to next parameter.

KEY TO PRESS	DISPLAY
2 ✳	PROGRAM PLU: 000010 ENTER: 0.00 2ND PRICE

2ND Price Entry

2ND PRICE can be programmed as like "**UNIT PRICE**" but only can be used when **[1/2] function key** is pressed at Registration mode. When [1/2] function key is pressed after call up the PLU (*Please refer to **[1/2]** Function key), the quantity will become the half of the original quantity.
To enable this parameter will skip if **SPEC 237** set to **INHIBIT**.

1) Enter 2ⁿᵈ Price value (**e.g.** $0.65) and go to next selection.

KEY TO PRESS	DISPLAY
6 5 ✳	PROGRAM PLU: 000010 ENTER: 0 TRACEABILITY YES: 1 KEY / NO: 0 KEY

Traceability Setting

The Traceability Setting is to select print Traceability Information of Beef item on Label or Receipt printing. To enable this parameter, **SPEC 258**: BEEF LABELLING must set to **YES** in advance. The Traceability Information will not printed on label, if selected label format with print area for Traceability items.
Note: If the Traceability number not set, the Traceability data will follow Traceability Number linked to the Main Group Number.

1) Select "**PRINT**" Traceability Information.

   *For Non-Beef Item, please set to NO.

KEY TO PRESS	DISPLAY
1 ✳	PROGRAM PLU: 000010 ENTER: 0 TRACEABILITY # 0000

2) Enter existing Traceability Number (**e.g.** 36) and then go to next parameter.

KEY TO PRESS	DISPLAY
3 6 ✳	PROGRAM PLU: 000010 ENTER: NON STORAGE TEMPERATURE 1ST LIMIT

STORAGE TEMPERATURE 1ST & 2nd LIMIT

The Storage Temperature will not printed on label if selected label format without print area for Storage Temperature.

1) Enter Temperature for 1st limit (**e.g.** - 10 ^{0}C) and go to next selection.

KEY TO PRESS	DISPLAY
1 0	PROGRAM PLU: 000010 ENTER: 10 STORAGE TEMPERATURE 1ST LIMIT
→T←	PROGRAM PLU: 000010 ENTER: - 10 STORAGE TEMPERATURE 1ST LIMIT
✳	PROGRAM PLU: 000010 ENTER: NON STORAGE TEMPERATURE 2ND LIMIT

2) Enter Temperature for 2nd limit (**e.g.** 10 ^{0}C) and save it.

  *If not necessary to set 2nd limit, just press **[PRINT]** key go to next parameter.

KEY TO PRESS	DISPLAY
1 0 ✳	PROGRAM PLU: 000010 ENTER: 0 PACKAGING INDICATOR

Packaging Indicator

0 to 9 can be entering for Packaging Indicator.

1) Enter Packaging Indicator value you want (**e.g.** 5) and go to next selection.

KEY TO PRESS	DISPLAY
5	PROGRAM PLU: 000010 ENTER: 5 PACKAGING INDICATOR
✳	M1 BARCODE █ EAN128A CHAR 1 ☐

Multi Barcode 1 Entry

There has 3 type of Barcode EAN 128A, EAN 128B and EAN128C can be select in Multi Barcode programming mode. Maximum 16 alphanumeric (ASCII Code only) can be entered for barcode type for EAN 128A and EAN 128B.

Note: Press Preset Key number 24 to select the Barcode Type (EAN 128A ➜ EAN 128B ➜ EAN 128C ➜ EAN 128A).

1) Enter Barcode data by using PRESET KEY (**e.g.** ABCDEF1234567890) as same as Department Name entry and go to next selection.

KEY TO PRESS	DISPLAY
[40] [1 MG DAILY A] [2 PLU DAILY B] [3 DP DAILY C] [4 ST DAILY D] [5 24H DAILY E] ● ● ● ● ● ● ● ● ● ●	M1 BARCODE **4567890**█ EAN128A CHAR 17 PRESET
✳	M2 BARCODE █ EAN128A CHAR 1 ☐

Note: Program barcode data as same as Department Name entry and the program for EAN 128A & 128B is same procedure. For EAN 128C, please refer to Multi Barcode 2 Entry.

Multi Barcode 2 Entry

1) Select EAN 128C for Multi Barcode 2.

KEY TO PRESS	DISPLAY
	M2 BARCODE F CD EAN128C

2) Select F CD.

KEY TO PRESS	DISPLAY
	M2 BARCODE F CD EAN128C F CD

3) Select the Barcode type you want (**e.g.** 01 and 13) and go to next parameter.

KEY TO PRESS	DISPLAY
	M2 BARCODE F(01)XXXXXXXXXXXXXXXCD EAN128C F (01)XXXXXXXXXXXXXXXCD
	M2 BARCODE F(13)XXXXXXCD EAN128C F (01)XXXXXXXXXXXXXX(13)XXXXXXCD
	M1 TTL BARCODE █ EAN128A CHAR 1

Note: Refer the following rotation to select the Barcode Type by press Preset key number 7 or Preset key number 8.

F CD ➜ 01 ➜ 13 ➜ 15 ➜ 17 ➜ 30 ➜ 31XX ➜ 32XX ➜ 10 ➜ 251 ➜ 422 ➜ 423 ➜ 424 ➜ 425 ➜ 426 ➜ 7030 ➜ 7031 ➜ F CD

Total Multi Barcode 1 & 2 Entry

Procedure to program Total Multi Barcode 1 and Total Multi Barcode 2 is same as Multi Barcode 1 & 2 Entry.

1) Program 1234567 for Total Multi Barcode 1 (EAN 128A) and F (15) XXXXXX (17) XXXXXXCD for Total Multi Barcode 2 (EAN128C).

KEY TO PRESS	DISPLAY
[40] [1] [2] [3] [4] [5] [6] [7]	M1 TTL BARCODE CHAR 8 1234567█ EAN128A PRESET
[✳] [24] [24]	M2 TTL BARCODE F CD EAN128C ▬
[→T←] [8 PPK DP] [8 PPK DP] [8 PPK DP] [→T←]	M2 TTL BARCODE F(15)XXXXXXCD EAN128C F (15)XXXXXXCD
[8 PPK DP] [→T←]	M2 TTL BARCODE F(17)XXXXXX CD EAN128C F (15)XXXXXX(17)XXXXXXCD

2) Save the data and the display will back to PLU Programming Mode.

   *If you want to exit without saving data, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
PLU	PLU PROGRAMMING ENTER: 0 ENTER PLU # AND PRESS PRINT KEY

2. PLU [COPY] Function

The programmed PLU data can be easily copied into a new PLU. The function is very useful to save time or avoid mistake for the similar PLU data programming, especially in case of long description of Ingredients.

1) At PLU Programming Mode, enter new PLU Number (**e.g.** 100) programming mode.

KEY TO PRESS	DISPLAY
1 0 0 ✳	PROGRAM PLU: 000100 ENTER UNIT PRICE 0.00 /Kg

2) Enter PLU Copy Mode.

KEY TO PRESS	DISPLAY
✖	PLU PROGRAMMING ENTER: 0 COPY EXISTING PLU, ENTER PLU # PRINT

3) Enter the existing PLU number of copy source (**e.g.** 10).

   *Modify the PLU Data as same as Program PLU File.

KEY TO PRESS	DISPLAY
1 0 ✳	PROGRAM PLU: 000100 ENTER UNIT PRICE 1.23 /Kg

4) After complete modify the PLU data, save it.

KEY TO PRESS	DISPLAY
PLU	PLU PROGRAMMING ENTER: 0 ENTER PLU # AND PRESS PRINT KEY

3. Print PLU File

The following operation is used for checking PLU Data Programmed. The report is printed on **receipt paper** or **label** and there are two different print types, **Single Report** or **PLU TEST PRINTING RANGE**.

Note: Print out PLU data as item label when scale set to LABEL MODE and print PLU items list when scale set to RECEIPT MODE.

Single Report Printing

1) At PLU Programming Mode, enter PLU Number (**e.g.** 10) then print out report

   *If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
1 **□**	PLU PROGRAMMING ENTER: 10 ENTER PLU # AND PRESS PRINT KEY
→T← *The message of "**PRINTING . . .**" **NOT** appear when scale set to Label Mode.	## PRINTING PLU PROGRAMMING ENTER: 0 ENTER PLU # AND PRESS PRINT KEY

PLU Test Printing Range

1) Enter PLU TEST PRINT mode, then enter Lower Range (**e.g.** 10) and go to next selection.

KEY TO PRESS	DISPLAY
→T←	PLU TEST PRINT ENTER: 0 ENTER LOWER RANGE AND PRESS PRINT KEY
1 0	PLU TEST PRINT ENTER: 10 ENTER LOWER RANGE AND PRESS PRINT KEY
✳	PLU TEST PRINT ENTER: 999999 ENTER UPPER RANGE AND PRESS PRINT KEY

2) Enter Upper Range (**e.g.** 100).

   *If you want to cancel printing, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
1 0 0	PLU TEST PRINT ENTER: 100 ENTER UPPER RANGE AND PRESS PRINT KEY

3) Print out Report.

   *If you want to stop printing, press **[FEED]** key. (**Note:** Only existing PLU Number in between PLU No. 10 ~ 100 will print out).

KEY TO PRESS	DISPLAY
✳ *The message of "**PRINTING . . .**" **NOT** appear when scale set to Label Mode.	# PRINTING PLU PROGRAMMING ENTER: 0 ENTER PLU # AND PRESS PRINT KEY

4. Delete PLU File

1) At PLU Programming Mode, enter PLU Number (**e.g.** 100) to be deleted.

KEY TO PRESS	DISPLAY
1 0 0	PLU PROGRAMMING ENTER: 100 ENTER PLU # AND PRESS PRINT KEY

2) Enter deleting mode.

KEY TO PRESS	DISPLAY
—	DELETE? YES: CLEAR KEY / NO: TARE KEY

3) Delete PLU Number 100.

   *If you want to cancel the deletion, press **[TARE]** key to exit.

KEY TO PRESS	DISPLAY
C	PLU PROGRAMMING ENTER: 0 ENTER PLU # AND PRESS PRINT KEY

Label Format List

The table shown below is Standard Label Format List.

1st Label Format Number	2nd Label Format Number	For STD Countries	Label Size (mm)
0	Not Available	DEFAULT	Label size set in specification setting
1	Not Available	T1	60 X 28
2	Not Available	T2	60 X 31
3	Not Available	T3	60 X 34
4	Not Available	T4	60 X 40
5	Not Available	T5	60 X 43
6	Not Available	T6	60 X 46
7	Not Available	T7	60 X 49
8	Not Available	T8	60 X 55
9	Not Available	T9	60 X 37
10	Not Available	T10	60 X 40
11	Not Available	T11	60 X 43
12	Not Available	T12	60 X 49
13	Not Available	S	40 X 28
14	Not Available	A	40 X 46
15	Not Available	B	40 X 46
16	Not Available	C	40 X 62.5
17	1	F1	-
18	2	F2	-
19	3	F3	-
20	4	F4	-
21	5	F5	-
22	6	F6	-
23	7	F7	-
24	8	F8	-
25~115	9~99	F9~F99	-

Note: F1 to F99 --- available only when free format is programmed.

Barcode List

1. EAN Barcode Format

No.	Bar Code Type	No.	Bar Code Type
0	F1F2 CCCCC XCD XXXX CD	17	F1F2 CC XXXXXXXX CD
1	F2 CCCCCC XCD XXXX CD	18	CCC WWWW PPPPP CD
2	F1F2 CCCCC 0 XXXX CD	19	NON BARCODE
3	F1F2 CCCCCC XXXX CD	20	F1F2 CCCCC PCD XXXX CD
4	F1F2 CCCCC XXXXX CD	21	F1F2 RRRRR XXXXX CD
5	F2 CCCCCC XXXXX CD	22	F2 CCCCC XXXXXX CD
6	F2 CCCCC XXXXXX CD	23	FFF CCCC PPPPP CD
7	F1F2 CCCCCCCCC CD	24	F1F2 CCCCC WWWWW CD
8	F1F2 CCCC XXXXXX CD	25	F2 CCCCC WWWWW 0 CD
9	F1F2 CCCCC CD	26	F1F2 CCCCCC WWWWW CD
10	F2 CC XXXX CD	27	NO BARCODE
11	NON BARCODE	28	F1F2 CCC XXXXXXX CD
12	F1X2 CCCCC XCD XXXX CD	29	F2 CCCCCCC WWWW CD
13	F1X2 CCCCCC XXXX CD	30	F1F2 CC NNN PPPPP CD
14	F1F2 CCCC XCD XXXXX CD	31	F1F2 C NNNN PPPPP CD
15	F2 CCCCC XCD XXXXX CD		
16	F1F2 CCC XXXXXXX CD		

F: Flag data

C: Item Code No.

X: Price or Quantity or Weight or Not Used (selected in USER SET UP)

W: Weight

P: Price

N: Receipt or Label serial number

CD: Check digit

Note: For Barcode type of 30 & 31, C = Fixed number by Spec 9 setting.

2. ITF Barcode Format

No.	Bar Code Type	No.	Bar Code Type
0	FF CCCCC XXXX WWWW CD	17	0FF CC XXXXXXX WWWWWWW CD
1	F CCCCC XXXX WWWW CD	18	0CCC WWWW PPPPP CD
2	0FF CCCCC 0 XXXX WWWW CD	19	CCCCCCC XXXXXXX
3	0FF CCCCC XXXX WWWW CD	20	FF CCCCC XXX WWWW CD
4	FF CCCC XXXXX WWWWW CD	21	FF RRRRR XXXXX WWWWW CD
5	F CCCCC XXXXX WWWWW CD	22	F CCCC XXXXXX WWWWW CD
6	0F CCCCC XXXXXX WWWWWW CD	23	FFF CCCC PPPPP WWWWW CD
7	0FF CCCCCCCCC CD	24	FF CCCCC WWWWW PPPPP CD
8	0FF CCCC XXXXXX WWWWWW CD	25	F CCCCC WWWWW PPPPPP CD
9	FF CCCCC CD	26	FF CCCCC WWWWW XXXXX CD
10	F CC XXXX WWWW CD	27	CCCCCCC XXXXXXX WWWWWW
11	NON BARCODE	28	FF CCC XXXXXXX WWWWW CD
12	FX CCCCC XXXX WWWW CD	29	F CCCCCCC WWWW PPPPP CD
13	0FX CCCCC XXXX WWWW CD	30	NON ITF BARCODE
14	0FF CCCC XXXXX WWWWW CD	31	NON ITF BARCODE
15	0F CCCCC XXXXX WWWWW CD		
16	FF CCC XXXXXXX WWWWWWW CD		

W's - will be Weight for Weight Item, or Quantity for Non-Weight Item.

X's - can be Quantity, Price, Weight or user programmable depending on **SPEC 01** setting at ITEM BARCODE SPECS of USER SETUP.

If Spec 01 set to User Programmable, the last byte of EAN Data (7th byte) determines X's definitions as follow:

LAST BYTE OF EAN DATA	X's
?0(HEX)	PRICE
?1(HEX)	WEIGHT
?2(HEX)	QUANTITY
?3(HEX)	ORIGINAL PRICE

Memory Status

The following operation is used for checking the number of existing PLU and remaining programmable PLU.

1) At PLU Programming Mode, select Memory Status Mode.

KEY TO PRESS	DISPLAY
2 0 ✕	MEMORY STATUS YOU HAVE PROGRAMMED 58 PLU CAN ADD ABOUT 4667 MORE PLU INTO MEMORY

2) Back to PLU Programming Mode.

KEY TO PRESS	DISPLAY
1 ✕	PLU PROGRAMMING ENTER: 0 ENTER PLU # AND PRESS PRINT KEY

Key Assignment

The preset keys assignment can speed up operation in REGISTRATION MODE. PLU Number, Clerk key, Function keys and Preset Tare can be assigned on preset key.

1. PLU Assignment

Assign PLU Number to Preset Key

PLU Number can be assigned to a preset key to call up PLU data by pressing the assigned preset key on Registration Mode.

For example: Assign PLU Number 10 to Preset Key Number 1.

1) At PLU Programming Mode, select PLU # Assignment Mode.

KEY TO PRESS	DISPLAY
4 ✖	ASSIGN PLU TO PRESET KEY ENTER: 0 ENTER PLU # AND PRESS PRESET KEY

2) Enter PLU Number 10 by numeric key.

KEY TO PRESS	DISPLAY
1 0	ASSIGN PLU TO PRESET KEY ENTER: 10 ENTER PLU # AND PRESS PRESET KEY

3) Press the Preset Key Number 1.

KEY TO PRESS	DISPLAY
[1 MG DAILY A]	ASSIGN PLU TO PRESET KEY ENTER: 0 ENTER PLU # AND PRESS PRESET KEY

Note: If assigning PLU Number 50 to the Preset key No. 1 has been already programmed, the PLU No. 50 will replace the old data of Preset Key No. 1, but PLU Number cannot replace the preset key are already assign for Function Key, Clerk Key or Preset Tare.

Print Preset Key Assignment

The following operation is used for checking Preset Key Assignment. The report is printed on **receipt paper** and there are two different print types, **FULL** Report & **SINGLE** Report. The Full report includes all the programmed data and the Single report only includes one data.

Single Report Printing

1) At PLU # Assignment Mode, enter the Preset Key Number (**e.g.** 1) and then print out report

   *If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
1	ASSIGN PLU TO PRESET KEY ENTER: 1 ENTER PLU # AND PRESS PRESET KEY
→T←	PRINTING
	ASSIGN PLU TO PRESET KEY ENTER: 0 ENTER PLU # AND PRESS PRESET KEY

Full Report Printing

1) At PLU # Assignment Mode, print out report for all Preset key.

   *If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
→T←	PRINTING
	ASSIGN PLU TO PRESET KEY ENTER: 0 ENTER PLU # AND PRESS PRESET KEY

Delete Preset Key Assignment

This operation is to delete the Preset Key assignment by entering the Number of the Preset Key at PLU Number Assignment Mode.

1) At PLU # Assignment Mode, enter the Preset Key Number (**e.g.** 1) for SINGLE Report printing.

KEY TO PRESS	DISPLAY
1	ASSIGN PLU TO PRESET KEY ENTER: 1 ENTER PLU # AND PRESS PRESET KEY

2) Enter deleting mode.

KEY TO PRESS	DISPLAY
—	DELETE? YES: CLEAR KEY / NO: TARE KEY

3) Delete Preset Key number 1 assignment.

   *If you want to cancel the deletion, press **[TARE]** key to exit.

KEY TO PRESS	DISPLAY
C	ASSIGN PLU TO PRESET KEY ENTER: 0 ENTER PLU # AND PRESS PRESET KEY

2. Clerk Key Assignment

Clerk key is used to accumulate the sales data of the operator that has been assigned for the clerk key. There are 5 default Clerk Keys (C9995: **[+A]**), (C9996: **[+B]**), (C9997: **[+C]**), (C9998: **[+D]**), (**[C9999]**: **[PRINT]** key) available. If you want to use other Clerk key, you need to assign the Clerk keys programmed in advance on preset keys.

For example: Assign Clerk Number 10 to Preset Key Number 32.

1) At PLU # Assignment Mode, enter the Assign Clerk Mode.

KEY TO PRESS	DISPLAY
✳	CLERK ASSIGN ENTER: 0 ENTER CLERK # AND PRESS PRESET KEY

2) Enter Clerk Number 10 by numeric key and assign to Preset Key you want (**e.g. [P32]**).

KEY TO PRESS	DISPLAY
1 0	CLERK ASSIGN ENTER: 10 ENTER CLERK # AND PRESS PRESET KEY
32	CLERK ASSIGN ENTER: 0 ENTER CLERK # AND PRESS PRESET KEY

> **Note 1:** Clerk data allow replace the preset keys are already assigned for PLU Number but cannot replace the preset keys are already assigned for Function Key, Clerk Key or Preset Tare.
>
> **Note 2:** If you want to delete the Clerk key are assign to the Preset key, please refer to Delete Preset Key Assignment or Delete Function Key Assignment.

3) Set other Clerk key to preset key if necessary. If not, back to PLU # Assignment Mode.

KEY TO PRESS	DISPLAY
✳ PLU	ASSIGN PLU TO PRESET KEY ENTER: 0 ENTER PLU # AND PRESS PRESET KEY

3. Function Key Assignment

Function Keys File

To use the following function keys, the function keys should be assigned on preset key in function assignment mode in advance.

Key To Press	Function	Remarks
[0]	CLEAR FUNCTION KEY	Clear the assignment Function key or Clerk key.
[1]	ADVERTISEMENT	Print Advertisement Message along with commodity name on the label in MAN & PPK Mode. (SPEC 67 set to ENABLE)
[2]	PRICE DISCOUNT	Set Discount value from Total Price in Accumulation mode. (SPEC68 set to ENABLE and SPEC 653 set to ALLOW) *** Total Price - Discount Value**
[3]	PRICE % DISCOUNT	Set the percentage of Discount from Total Price in Accumulation mode. (SPEC69 set to ENABLE and SPEC 653 set to ALLOW) *** Total Price - Total Price x Discount %**
[4]	U.PRICE DISCOUNT	Set Discount value from Unit Price in Registration. (SPEC 70 set to ENABLE) *** Unit Price - Discount Value**
[5]	U.P. % DISCOUNT	Set the Percentage of discount from Unit Price in Registration. (SPEC 71 set to ENABLE) ** *Unit Price - Unit Price x Discount %**
[6]	PACK DATE	Change the packed date on label in MAN & PPK mode. (SPEC 72 set to ENABLE & for MANUAL Mode, SPEC 654 must set to ALLOW). *** Packed date = Actual Date + Entered days.**
[7]	- PACK DATE	Change the packed date on label in MAN & PPK mode. (SPEC 73 set to ENABLE & for MANUAL Mode, SPEC 654 set to ALLOW). *** Packed date = Actual Date - Entered days.**
[8]	SELL BY DATE	Change the sell by date on label in MAN & PPK mode. (SPEC 74 set to ENABLE) *** Sell by Date = Actual Date + Entered days.**

Key To Press	Function	Remarks
[9]	QUANTITY SYMBOL	Change Unit Symbol for Non-weighing item in PPK mode. (SPEC 75 set to ENABLE & change Unit Symbol for Non-Weight Item in MANUAL Mode, SPEC 169 set to PRN IN MAL MODE).
[1][0]	QUANTITY	Change Quantity for Non-weighing item in PPK mode. (SPEC 76 set to ENABLE).
[1][1]	UNIT PRICE CHANGE	Change Unit Price in MAN & PPK mode. (SPEC 77 set to ENABLE).
[1][2]	REFUND	Refund the item in MAN Mode. (SPEC 78 set to ENABLE)
[1][3]	SHOP NAME	Change Shop Name for Label in MAN & PPK mode. (SPEC 79 set to ENABLE & SPEC 26 set to PRINT).
[1][4]	LOGO	Change Logo for Label in MAN & PPK mode.(SPEC 80 set to ENABLE).
[1][5]	SELECT RPINT ITEM	Select PLU data to be printed on label in MAN & PPK mode. (SPEC 81 set to ENABLE).
[1][6]	SUB-TOTAL	Print Sub-Total label of the packed item in PPK mode. (SPEC 84 set to ENABLE).
[1][7]	GRAND TOTAL	Print Grand Total label of the packed item in PPK mode. (SPEC 85 set to ENABLE).
[1][8]	PACK QUANTITY	Set the number of Pack Quantity in PPK mode. (SPEC 66 set to ENABLE).
[1][9]	PRICE MARKDOWN	Set Markdown Price in MAN & PPK mode. (SPEC 105 set to ENABLE and SPEC 653 set to ALLOW). *__* Total Price = Mark Down Value__*
[2][0]	PRICE % MARKDOWN	Set Total Price by entering Markdown % in MAN & PPK mode. (SPEC 106 set to ENABLE and SPEC 653 set to ALLOW). *__* Total Price = Total Price x Mark Down %__*
[2][1]	U. PRICE MARKDOWN	Set Markdown Unit Price in MAN & PPK mode. (SPEC 107 set to ENABLE) *__* Unit Price = Mark Down Value__*

Key To Press	Function	Remarks
[2][2]	U. P. % MARKDOWN	Set Unit Price by entering markdown % in MAN & PPK mode. (SPEC 108 set to ENABLE) *__* Unit Price = Unit Price x Mark Down %__*
[2][3]	UNIT PRICE STORE	Store the unit Price entered in registration mode into the PLU. (SPEC 103 set to ENABLE).
[2][4]	PLACE	Print the place of production of Commodity on label. (SPEC 82 set to ENABLE).
[2][5]	LABEL FORMAT 1	Change Label format 1 in MAN & PPK Mode. (SPEC 146 set to ENABLE).
[2][6]	LABEL FORMAT 2	Change Label format 2 (Free Format Label only) in MAN & PPK Mode. (SPEC 146 set to ENABLE).
[2][7]	PREPACK NON ADD	Print packed Item Non-Add in Grand Total in PPK Mode. (SPEC 147 set to ENABLE)
[2][8]	MAIN GROUP NUMBER	Enter Main Group Number for Manual Price Entry in MAN & PPK Mode. (SPEC 149 set to ENABLE).
[2][9]	SET MANUAL WEIGHT	Set Manual Weight for Weight Item in PPK Mode. (SPEC 677 set to ENABLE).
[3][0]	ITEM CODE	Change the Item Code on Label in MAN & PPK Mode. (SPEC 162 set to ENABLE).
[3][1]	EURO CURRENCY SW	To display Euro Second Price in Reg. Mode. (SPEC 171 set to EURO)
[3][2]	SWITCH KEY	Switch Unit Price of Weight Item to Non-Weight Item and vice verse.(SPEC 185 set to ENABLE)
[3][3]	REFERENCE PLU	To call up Reference PLU when the PLU program with Reference PLU Number in MAN & PPK Mode. (SPEC 204 set to ENABLE).
[3][4]	PRINT KEY	Print Label in MAN & PPK or Receipt in Acc. Mode. (SPEC 205 set to ENABLE).
[3][5]	PLU REPEAT	Repeat the PLU after print in MAN Mode. (SPEC 210 set to ENABLE).
[3][6]	FLAG CODE	Change the Flag Code on Label in MAN & PPK Mode. (SPEC 213 set to ENABLE).

Key To Press	Function	Remarks
[3][7]	CASH DRAWER OPEN	Open Cash Drawer with out SALES in MAN & PPK Mode. (SPEC 222 set to ENABLE).
[3][8]	TAX INFORMATION	Print Tax Information on Receipt paper. (SPEC 221 set to ENABLE).
[3][9]	UP OVERRIDE PASSWD	Change Unit Price in MAN & PPK Mode. (SPEC 227 set to ENABLE).
[4][0]	1/2 PRICE KEY	Half Price for Non-Weight Item in MAN & PPK Mode. (SPEC 237 set to ALLOW).
[4][1]	CHEQUE TENDER KEY	Payment in Amount Tender Mode. (SPEC 239 set to ENABLE).
[4][2]	VOUCHER TENDER KEY	Payment in Amount Tender Mode. (SPEC 240 set to ENABLE).
[4][3]	DIRECT DISCOUNT	PLU of Unit Price or Unit Price % Discount in MAN & PPK Mode. (SPEC 242 set to ENABLE).
[4][4]	INGREDIENT	Change the Ingredient Data on Label in MAN & PPK Mode.
[4][5]	CREDIT KEY	Payment in Amount Tender Mode. (SPEC 239 set to ENABLE).
[4][6]	BATCH FILE PRT	To print a / few particular PLUs at one time.
[4][7]	BORN COUNTRY	Change Born Data on Label in MAN & PPK Mode. (SPEC 258 set to YES)
[4][8]	FATTEN COUNTRY	Change Fatten Data on Label in MAN & PPK Mode. (SPEC 258 set to YES)
[4][9]	SLAUGHTER HOUSE	Change Slaughter House ID and Country Data on Label in MAN & PPK Mode. (SPEC 258 set to YES)
[5][0]	CUTTING HALL	Change Cutting Hall ID and Country Data on Label in MAN & PPK Mode. (SPEC 258 set to YES)
[5][1]	REFERENCE NO	Change Reference Number (Date or Free Code) on Label in MAN & PPK Mode. (SPEC 258 set to YES)
[5][2]	ORIGIN COUNTRY	Change Origin Country on Label in MAN & PPK Mode. (SPEC 258 set to YES)

Key To Press	Function	Remarks
[5][3]	TRECEABILITY SET	Change All Traceability Data on Label in MAN & PPK Mode. (SPEC 258 set to YES)
[5][4]	TRECEABILITY NO	Change the Traceability Data on Label in MAN & PPK Mode. (SPEC 258 set to YES)
[5][5]	TRACE UPDATE FUNC	To update Traceability number to PLU File. (SPEC 298 set to YES)
[5][6]	INVENTORY FUNCTION	To select Inventory Mode in Registration Mode.
[5][7]	TRACEABILITY CLEAR	To clear Traceability Information printing in Registration mode.
[5][8]	SP MSG FUNCTION	Change the Special Message Data on Label in MAN & PPK Mode.
[5][9]	DATE PRINT FUNC	To disable or enable Sell-by Date and Packed Date on Label in MAN & PPK Mode.
[6][0]	IMAGE FUNCTION	To assign an Image to PLU in Registration Mode. (SPEC 51 set to 19200 and SPEC 60 set to FL-1)
[6][1]	FUNC:CASH IN/OUT	To Cash IN or OUT in MAN & PPK Mode.
[6][2]	PRINT SELL BY DATE	To disable or enable Sell-by Date on Label in MAN & PPK Mode.
[6][3]	AUTO REGISTRATION	To auto assign a clerk to do Registration in Registration Mode. (SPEC 51 set to9600 and SPEC 60 set to RS232)
[6][4]	PRINT PLU TTL REPORT	Print PLU Report in Registration Mode.
[6][5]	PRINT RECEIPT	To disable or enable Receipt printing.
[6][6]	LABEL PRT W/O REPORT	Print item label without update Transaction data to Report.
[6][7]	SERIAL NUMBER	To create a Serial Number for a PLU in Registration Mode.
[6][8]	PEEL SENSOR	To sensor setting of dispenser for issue label on Prepack Mode.
[6][9]	PRINT RTB RECEIPT	To print Real Time Buffer (RTB) receipt. (SPEC 277 set to 1:2 Days Buffer to active the function key).

Key To Press	Function	Remarks
[7] [0]	RTB RECALL	To recall Real Time Buffer (RTB) (SPEC 277 set to 1:2 Days Buffer to active the function key).
[7] [1]	FIX TARE	To set Fix Tare on Registration Mode (SPEC 412 "FIX KEY" set to ALLOW) to active function key. (Not available for U1 country)
[7] [2]	FIX PLU	To set Fix PLU on Registration Mode (SPEC 412 "FIX KEY" set to ALLOW) to active function key. (Not available for U1 country)
[7] [3]	FIX FORMAT 1	To set Fix Format label be use on Registration Mode (SPEC 417 "FIX FORMAT 1 FUNCTION" set to ALLOW). (Not available for U1 country)
[7] [4]	ECR BARCODE	Is same as calling PLU by using Barcode Scanner to the valid Barcode Data, but this function must enters Barcode Digits of the Label to call up the PLU.
[7] [5]	PRODUCTION DATE	To set Production Date on Registration Mode.
[7] [6]	PEAPOD	To hide unit price and total price on label print.
[7] [7]	AUTO PLU CALL	This function key is used to Enable/Disable auto PLU call on Registration. Auto PLU call can setting by Number of Digit and by Time Out. (SPEC 39 " PLU CALLING" set to "Auto" and Spec 40 select desired option to setting digits and time out call)
[7] [8]	AUTO PLU CALL MG	This function key is used to auto Main Group call, so user available to auto PLU call in the Main Group and it's use on Registration Mode. (SPEC 39 " PLU CALLING" set to "Auto" and Spec 40 select desired option to setting digits and time out call)
[7] [9]	BATCH FILE PRINT	This function key is used to print a series of item label with different PLUs (For Non-Weighing Item only) at One time in PRE-PACK MODE. To use this function key, (**Spec 29 must set to "ALLOW"** in advance)
[8] [0]	PRICE KEY	Change the Price value for Non-Weight Item in MAN & PPK Mode.
[8] [1]	NET CONTENT	Change the quantity for Non-Weight Item in MAN & PPK Mode.

Function Key Assignment

Function keys are used to change the original programmed data (unit price, advertisement message, sell by date, etc.) at one touch operation, when issuing labels. Using function keys, operator can issue necessary labels speedier, convenient without suffering the work and time loss to reset the data.

There are two ways to select the Function Key Type by using different keys such as:

- Enter the number of the Function Key.

- Press **[X]** or **[−]** key to search the Function Key.

1) At PLU # Assignment Mode, enter the Assign Function Key Assignment Mode.

KEY TO PRESS	DISPLAY
✳ ✳	FUNCTION KEY ASSIGN CLEAR FUNCTION KEY USE MULTIPLY KEY TO SELECT OTHER FUNCTION

2) Select PRICE DISCOUNT function by search and then assign to Preset Key number 25.

KEY TO PRESS	DISPLAY
✖ ✖	FUNCTION KEY ASSIGN PRICE DISCOUNT USE MULTIPLY KEY TO SELECT OTHER FUNCTION
25/ U	FUNCTION KEY ASSIGN CLEAR FUNCTION KEY USE MULTIPLY KEY TO SELECT OTHER FUNCTION

3) Select UNIT PRICE CHANGE function by entering number of the function key.

KEY TO PRESS	DISPLAY
1 1	FUNCTION KEY ASSIGN UNIT PRICE CHANGE USE MULTIPLY KEY TO SELECT OTHER FUNCTION

4) Assign Unit Price Discount Function to Preset Key number 26.

KEY TO PRESS	DISPLAY
	FUNCTION KEY ASSIGN CLEAR FUNCTION KEY USE MULTIPLY KEY TO SELECT OTHER FUNCTION

5) Set each function key to preset key if necessary. If not, back to PLU # Assignment Mode.

KEY TO PRESS	DISPLAY
PLU	ASSIGN PLU TO PRESET KEY ENTER: 0 ENTER PLU # AND PRESS PRESET KEY

Note: Function Key allow replace the preset keys are already assigned for PLU Number but cannot replace the preset keys are already assigned for Function Key, Clerk Key or Preset Tare.

Delete Function Key Assignment

There are two different ways to delete the Function Key assignment on preset keys. The following operation as below is to delete the Preset Key Assignment for Function Key, Clerk key and Preset Tare in Function Key Assignment. For another way to delete the Function Key assignment, please refer to Delete Preset Key Assignment at PLU Assignment.

Note: If the PLU Number assign to the Preset Key, the preset key cannot be delete in Function Key Assignment.

1) At Function Key Assignment, press the Preset Key to be deleted (**e.g.** Clerk # 10 assign to **[P32]**).

KEY TO PRESS	DISPLAY
32/	DELETE? CLERK FUNCTION KEY? YES: CLEAR KEY / NO: TARE KEY

2) Delete the Preset Key Number 32.

   *If you want to cancel deletion, press **[TARE]** key.

KEY TO PRESS	DISPLAY
C	FUNCTION KEY ASSIGN CLEAR FUNCTION KEY USE MULTIPLY KEY TO SELECT OTHER FUNCTION

3) Delete others preset key assignment if necessary. If not, back to PLU # Assignment Mode.

KEY TO PRESS	DISPLAY
PLU	ASSIGN PLU TO PRESET KEY ENTER: 0 ENTER PLU # AND PRESS PRESET KEY

4. Preset Tare Assignment

Preset Tare is to use to program a knowing Tare value in advance for Registration Mode to call up by pressing the assigned Preset Key (Such as Digital Tare operation). To use the Preset Tare value, **SPEC 647: PLU TARE** must set to **ALLOW** in advance and maximum Tare Weight can be assign to the preset Key is depending on **SPEC 638: TARE RANGE** setting.

1) At PLU # Assignment Mode, enter the Assign Preset Tare Mode.

KEY TO PRESS	DISPLAY
✳ ✳ ✳ ✳	TARE ASSIGN ENTER: 0 ENTER TARE VALUE AND PRESS PRESET KEY

2) Enter Tare value you want (**e.g.** 50g) and assign to the Preset Key you want (**e.g. [P27]**).

KEY TO PRESS	DISPLAY
5 0	TARE ASSIGN ENTER: 50 ENTER TARE VALUE AND PRESS PRESET KEY
27	TARE ASSIGN ENTER: 0 ENTER TARE VALUE AND PRESS PRESET KEY

Note 1: Preset Tare allow replace the preset keys are already assigned for PLU Number but cannot replace the preset keys are already assigned for Function Key, Clerk Key or Preset Tare.

Note 2: If you want to delete the Preset Tare are assign to the Preset key, please refer to Delete Preset Key Assignment or Delete Function Key Assignment.

3) Set other Tare value to preset key if necessary. If not, back to PLU # Assignment Mode.

KEY TO PRESS	DISPLAY
✳	ASSIGN PLU TO PRESET KEY ENTER: 0 ENTER PLU # AND PRESS PRESET KEY

Shop Name File

Shop Name data will be printed on Label or Receipt can be programmed in this file. The maximum number of characters possible to enter varies according to the size of print area or character size entry. Up to 32 Shop Names can be   programmed with each 3 lines as maximum and number of line is depends on the Character Size entry.

The default Shop Name print on label can be set at **SPEC 46** & print centering of Shop Name on label can be select at **SPEC250** and default Shop Name print on Receipt can be set at **SPEC47** & printing position can be select at **SPEC251**.

1. Program Shop Name File

1) At Programming Mode, select Shop Name programming mode and then enter new Shop Name number (**e.g.** 3) programming mode.

   *For edit, enter existing Shop Name number.

KEY TO PRESS	DISPLAY
5 ✕	PROGRAM SHOP NAME ENTER: 0 ENTER SHOP # AND PRESS PRINT KEY
3 ✳	SHOP NAME #0003 ▮ PRESET SIZE S4CHAR 47LINE 01 KEY

2) Enter 1ˢᵗ line of Shop Name data as the same procedure as Commodity Name entry (**e.g.** DIGI STORE) and enter 2ⁿᵈ line of Shop Name entry mode.

KEY TO PRESS	DISPLAY
LETTER SIZE · ST DAILY · DP MONTH · 9 · DP MONTH · SPACE • • • • •	SHOP NAME #0003 GI STORE▮ PRESET SIZE S4CHAR 37LINE 01 KEY
✳	SHOP NAME #0003 ▮ PRESET SIZE S4CHAR 47LINE02 KEY

3) Enter Shop Name data in the 2ⁿᵈ line if necessary. If not, save it.

   *If you want to exit without saving, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
PLU	PROGRAM SHOP NAME ENTER: 0 ENTER SHOP # AND PRESS PRINT KEY

2. Print Shop Name File

The Shop Name report can be printed on **receipt paper.** You can print a **FULL Report** that includes all programmed Shop Names or print a **Single Report** that only includes one Shop Name data.

Single Report Printing

1) At Shop Name programming mode, enter existing Shop Name Number (**e.g.** 3) then print out report
   *If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
3	PROGRAM SHOP NAME ENTER: 3 ENTER SHOP # AND PRESS PRINT KEY
→T←	PRINTING PROGRAM SHOP NAME ENTER: 0 ENTER SHOP # AND PRESS PRINT KEY

Full Report Printing

1) At Shop Name programming mode, print out full report.

   *If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
→T←	PRINTING PROGRAM SHOP NAME ENTER: 0 ENTER SHOP # AND PRESS PRINT KEY

3. Delete Shop Name File

1) At Shop Name programming mode, enter existing Shop Name Number (**e.g.** 3) to be deleted.

KEY TO PRESS	DISPLAY
3	PROGRAM SHOP NAME ENTER: 3 ENTER SHOP # AND PRESS PRINT KEY

2) Enter deleting mode.

KEY TO PRESS	DISPLAY
—	DELETE? YES: CLEAR KEY / NO: TARE KEY

3) Delete Shop Name Number 3.

   *If you want to cancel the deletion, press **[TARE]** key to exit.

KEY TO PRESS	DISPLAY
C	PROGRAM SHOP NAME ENTER: 0 ENTER SHOP # AND PRESS PRINT KEY

Advertisement File

Advertisement message is the sales promotional description on the label, such as "FOR BARBECUE" or "FRESH". Advertisement message is printed in the print area of the Commodity Name. If Commodity Name occupies all of the print area, there will be no room for the Advertisement Message and it will therefore not be printed. Maximum 2 lines can be programmed for each Advertisement Message and up to 64 (Advertisement # 1~64) advertisement messages are available.

To print advertisement message on a label, **[ADVERTISEMENT]** Function Key must be assigned to a preset key in advance.

Note: Advertisement message print on all label can be set at **SPEC 96**, printing **position** can be set at **SPEC 14** and printing **method** can be set at **SPEC 15**.

1. Program Advertisement File

1) At Programming Mode, select Advertisement programming mode and then enter new Advertisement number (**e.g.** 3) programming mode.

   *For edit, enter existing Advertisement number.

KEY TO PRESS	DISPLAY
6 **✕**	PROGRAM ADVERTISEMENT ENTER: 0 ENTER ADVERTISEMENT # AND PRESS PRINT KEY
3 **✳**	ADVERTISEMENT #0003 PRESET SIZE M3CHAR 26LINE 01 KEY

2) Enter 1st line of Advertisement data as the same procedure as Commodity Name entry (**e.g.** TODAY SPECIAL) and then enter 2nd line of Advertisement entry mode.

KEY TO PRESS	DISPLAY
(keys) ● ● ● ● ● ● ● ●	ADVERTISEMENT #0003 SPECIAL PRESET SIZE M3CHAR 13LINE 01 KEY
✳	ADVERTISEMENT #0003 PRESET SIZE M3CHAR 26LINE 02 KEY

3) Enter Advertisement data in the 2nd line if necessary. If not, save it.

*If you want to exit without saving, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
PLU	PROGRAM ADVERTISEMENT ENTER: 0 ENTER ADVERTISEMENT # AND PRESS PRINT KEY

2. Print Advertisement File

The Advertisement report can be printed on **receipt paper.** You can print a **FULL Report** that includes all programmed Advertisement data or print a **Single Report** that only includes one Advertisement data.

Single Report Printing

1) At Advertisement programming mode, enter existing Advertisement Number (**e.g.** 3) then print out report

   *If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
3	PROGRAM ADVERTISEMENT ENTER: 3 ENTER ADVERTISEMENT # AND PRESS PRINT KEY
→T←	PRINTING PROGRAM ADVERTISEMENT ENTER: 0 ENTER ADVERTISEMENT # AND PRESS PRINT KEY

Full Report Printing

1) At Advertisement programming mode, print out full report.

   *If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
→T←	PRINTING PROGRAM ADVERTISEMENT ENTER: 0 ENTER ADVERTISEMENT # AND PRESS PRINT KEY

3. Delete Advertisement File

1) At Advertisement programming mode, enter existing Advertisement Number (**e.g.** 3) to be deleted.

KEY TO PRESS	DISPLAY
3	PROGRAM ADVERTISEMENT ENTER: 3 ENTER ADVERTISEMENT # AND PRESS PRINT KEY

2) Enter deleting mode.

KEY TO PRESS	DISPLAY
—	DELETE? YES: CLEAR KEY / NO: TARE KEY

3) Delete Advertisement Number 3.

   *If you want to cancel the deletion, press [TARE] key to exit.

KEY TO PRESS	DISPLAY
C	PROGRAM ADVERTISEMENT ENTER: 0 ENTER ADVERTISEMENT # AND PRESS PRINT KEY

Clerk File

Clerk file is used for programming names of operators. Maximum 16 characters can be entered per Clerk name. A programmed Clerk number can be assigned to a preset key. The Clerk Number or Name (Depend on Spec 21 setting) will be printed on the label, if selected label format with print area for Clerk Number and the programmed Clerk name can be printed on receipt when **SPEC 21** set to **NAME**.

1. Program Clerk File

1) At Programming Mode, select Clerk programming mode and then enter new Clerk number (**e.g.** 3) programming mode.

KEY TO PRESS	DISPLAY
7 **✕**	PROGRAM CLERK NUMBER ENTER: 0 ENTER CLERK # AND PRESS PRINT KEY
3 **✳**	CLERK # 0003 ▮ PRESET CHAR 1 KEY

2) Enter Clerk Name as the same procedure as Department Name entry (**e.g.** PETER ONG).

KEY TO PRESS	DISPLAY
[48/LETTER SIZE] [19/DP TERM] [5/24H DAILY] [23/] [5/24H DAILY] [21/24H TERM] P E T E R ● ● ● ●	CLERK # 0003 **PETER ONG**▮ PRESET CHAR 10 KEY

3) Save the data.

   *If you want to exit without saving, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
PLU	PROGRAM CLERK NUMBER ENTER: 0 ENTER CLERK # AND PRESS PRINT KEY

2. Print Clerk File

The Clerk report can be printed on **receipt paper.** You can print a **FULL Report** that includes all programmed Clerks data or print a **Single Report** that only includes one Clerk data.

Single Report Printing

1) At Clerk programming mode, enter existing Clerk Number (**e.g.** 3) then print out report

   *If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
3	PROGRAM CLERK NUMBER ENTER: 3 ENTER CLERK # AND PRESS PRINT KEY
→T←	PRINTING PROGRAM CLERK NUMBER ENTER: 0 ENTER CLERK # AND PRESS PRINT KEY

Full Report Printing

1) At Clerk programming mode, print out full report.

   *If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
→T←	PRINTING PROGRAM CLERK NUMBER ENTER: 0 ENTER CLERK # AND PRESS PRINT KEY

3. Delete Clerk File

Clerk Number 9995, 9996, 9997, 9998 and 9999 cannot be deleted.

1) At Clerk programming mode, enter existing Clerk Number (**e.g.** 3) to be deleted.

KEY TO PRESS	DISPLAY
3	PROGRAM CLERK NUMBER ENTER: 3 ENTER CLERK # AND PRESS PRINT KEY

2) Enter deleting mode.

KEY TO PRESS	DISPLAY
–	DELETE? YES: CLEAR KEY / NO: TARE KEY

3) Delete Clerk Number 3.

   *If you want to cancel the deletion, press **[TARE]** key to exit.

KEY TO PRESS	DISPLAY
C	PROGRAM CLERK NUMBER ENTER: 0 ENTER CLERK # AND PRESS PRINT KEY

Special Message File

Special Message can be used as a description on the label such as recipes, which can be assigned in each PLU. Since standard format does not have a print area set for Special Message, Special Message cannot be printed when using these formats. To print Special Message on the label, it is required to use a Free Format with a Special Message print area programmed. Maximum 16 special messages can be programmed with each up to 8 programmable lines. Number of line is depends on the size of the print area or Character Size entry. The default Special Number print on Receipt can be set at **SPEC 112** and printing position can be set at **SPEC 125.**

Note: If SPEC 43 set to RECEIPT, maximum 8 lines can be programmable for each Special Message Number and without select a required Free Format.

1. Program Special Message File

1) At Programming Mode, select Special Message programming mode and then enter new Special Message number (**e.g.** 3) programming mode.

 *For edit, enter existing Special Message number. **Note:** If **SPEC43** set to **RECEIPT**, this procedure will skip.

KEY TO PRESS	DISPLAY
9 **✕**	PROGRAM SPECIAL MESSAGE ENTER: 0 ENTER SPECIAL MSG # AND PRESS PRINT KEY
3 **✳**	SPECIAL MSG #003 ENTER: 0 SELECT LABEL FORMAT 1 DEFAULT T8

2) Select a label format available for Special Message print (**e.g.** F7) and go to next selection.

 *Only the label formats with print area for Special Message will appears on display when press Preset Key number 7 or Preset Key number 8 to search the available label format you want.

KEY TO PRESS	DISPLAY
8 PPK DP >>	SPECIAL MSG #003 ENTER: 23 SELECT LABEL FORMAT 1 F7
✳	SPECIAL MESSAGE #0003 ▉ PRESET SIZE S1 CHAR 26 LINE 01 KEY

3) Enter 1ˢᵗ line of Special Message data as the same procedure as Commodity Name entry (**e.g.** COOKING INSTRUCTION) and enter 2ⁿᵈ line of Special Message entry mode.

KEY TO PRESS	DISPLAY
[48/LETTER SIZE] [3/DP DAILY C] [18/PLU TERM O] [18/PLU TERM O] [13/24H MONTH K] [11/DP MONTH I] ● ● ● ● ● ● ● ● ● ● ● ● ● ●	SPECIAL MESSAGE #0003 TRUCTION█ PRESET SIZE S1 CHAR 7 LINE 01 KEY
[✳]	SPECIAL MESSAGE #0003 █ PRESET SIZE S1 CHAR 26 LINE 02 KEY

4) Enter Special Message data in the 2ⁿᵈ line if necessary. If not, save it.

   *If you want to exit without saving, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
[PLU]	PROGRAM SPECIAL MESSAGE ENTER: 0 ENTER SPECIAL MSG # AND PRESS PRINT KEY

2. Print Special Message File

The Special Message report can be printed on **receipt paper.** You can print a **FULL Report** that includes all programmed Special Message data or print a **Single Report** that only includes one Special Message data.

Single Report Printing

1) At Special Message programming mode, enter existing Special Message Number (**e.g.** 3) then print out report

   *If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
3	PROGRAM SPECIAL MESSAGE ENTER: 3 ENTER SPECIAL MSG # AND PRESS PRINT KEY
→T←	PRINTING PROGRAM SPECIAL MESSAGE ENTER: 0 ENTER SPECIAL MSG # AND PRESS PRINT KEY

Full Report Printing

1) At Special Message programming mode, print out full report.

   *If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
→T←	PRINTING PROGRAM SPECIAL MESSAGE ENTER: 0 ENTER SPECIAL MSG # AND PRESS PRINT KEY

3. Delete Special Message File

1) At Special Message programming mode, enter existing Special Message Number (**e.g.** 3) to be deleted.

KEY TO PRESS	DISPLAY
3	PROGRAM SPECIAL MESSAGE ENTER: 3 ENTER SPECIAL MSG # AND PRESS PRINT KEY

2) Enter deleting mode.

KEY TO PRESS	DISPLAY
—	DELETE? YES: CLEAR KEY / NO: TARE KEY

3) Delete Special Message Number 3.

   *If you want to cancel the deletion, press **[TARE]** key to exit.

KEY TO PRESS	DISPLAY
C	PROGRAM SPECIAL MESSAGE ENTER: 0 ENTER SPECIAL MSG # AND PRESS PRINT KEY

Ingredient File

Ingredients data programmed in this Master Ingredient file can be printed on the Free Format (F1-F99) with ingredient print area. The size of print area will decide the numbers of lines and characters of every line. Maximum 99 lines can be programmed for each Master ingredient data and up to 99 Master Ingredients data can be programmed in this file.

Note: Maximum 39 lines can be programmed for each Master Ingredient data when SPEC 43 set to 0.

1. Program Ingredient File

1) At Programming Mode, select Ingredient programming mode and then enter new Ingredient number (**e.g.** 3) programming mode.
 *For edit, enter existing Ingredient number.
  Note: If **SPEC43** set to **RECEIPT**, this procedure will skip.

KEY TO PRESS	DISPLAY
1 **□** **✕**	PROGRAM INGREDIENT ENTER: 0 ENTER INGREDIENT # AND PRESS PRINT KEY
3 **✳**	INGREDIENT #0003 ENTER: 0 SELECT LABEL FORMAT 1 DEFAULT T8

2) Select a label format available for Ingredient print (**e.g.** F7) and save it.

 *Only the label formats with print area for Ingredient will appears on display when press Preset Key number 7 or Preset Key number 8 to search the available label format you want.

KEY TO PRESS	DISPLAY
8/PPK DP >>	INGREDIENT #0003 ENTER: 23 SELECT LABEL FORMAT 1 F7
✳	INGREDIENT # 0003 PRESET SIZE S1 CHAR 26 LINE 01 KEY

3) Enter 1st line of Ingredient data as the same procedure as Commodity Name entry (**e.g.** INGREDIENT --- Sugar) and enter 2nd of Ingredient entry mode.

KEY TO PRESS	DISPLAY
[48/LETTER SIZE] [11/DP MONTH] [17/MG TERM] [9/] [21H/24H TERM] [5/24H DAILY] I N G R E ●●●●●●●●●●●●●●●	INGREDIENT # 0003 ---Sugar█ PRESET SIZE S1 CHAR 8 LINE 01 KEY
[✳]	INGREDIENT # 0003 █ PRESET SIZE S1 CHAR 26 LINE 02 KEY

4) Enter Ingredient data in the 2nd line if necessary. If not, save it.

*If you want to exit without saving, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
[PLU]	PROGRAM INGREDIENT ENTER: 0 ENTER INGREDIENT # AND PRESS PRINT KEY

2. Print Ingredient File

The Ingredient report can be printed on **receipt paper.** You can print a **FULL Report** that includes all programmed Ingredient data or print a **Single Report** that only includes one Ingredient data.

Single Report Printing

1) At Ingredient programming mode, enter existing Ingredient Number (**e.g.** 3) then print out report

*If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
[3]	PROGRAM INGREDIENT ENTER: 3 ENTER INGREDIENT # AND PRESS PRINT KEY
[→T←]	PRINTING
	PROGRAM INGREDIENT ENTER: 0 ENTER INGREDIENT # AND PRESS PRINT KEY

Full Report Printing

1) At Ingredient programming mode, print out full report.

*If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
[→T←]	PRINTING
	PROGRAM INGREDIENT ENTER: 0 ENTER INGREDIENT # AND PRESS PRINT KEY

3. Delete Ingredient File

1) At Ingredient programming mode, enter existing Ingredient Number (**e.g.** 3) to be deleted.

KEY TO PRESS	DISPLAY
![3]	PROGRAM INGREDIENT ENTER: 3 ENTER INGREDIENT # AND PRESS PRINT KEY

2) Enter deleting mode.

KEY TO PRESS	DISPLAY
![—]	DELETE? YES: CLEAR KEY / NO: TARE KEY

3) Delete Ingredient Number 3.

   *If you want to cancel the deletion, press **[TARE]** key to exit.

KEY TO PRESS	DISPLAY
![C]	PROGRAM INGREDIENT ENTER: 0 ENTER INGREDIENT # AND PRESS PRINT KEY

Text File

Maximum 20 Texts are available (Text 1~16 are for Item label and text 17~20 are for Total label). Text is used for printing the fixed data on label such as "Unit Price", "packed date". Text cannot be printed when using standard format since they do not have any text print area set. You must use a Free Format with a Text print area programmed. Maximum 2 lines per text can be programmed and number of line is depends on the size of print area of the selected label format or Character Size entry.

Note: Print Text 5 to 16 on Total label can be set at **SPEC 332** setting.

1. Program Text File

1) At Programming Mode, select Text programming mode and then enter new Text number (**e.g.** 3) programming mode.

   *For edit, enter existing Text number.

KEY TO PRESS	DISPLAY
1 1 ✕	PROGRAM TEXT　　　ENTER:　　0 ENTER TEXT # AND PRESS PRINT KEY
3 ✳	TEXT #0003　　ENTER:　0 　　SELECT LABEL FORMAT 1　　DEFAULT T8

2) Select a label format available for Text number 3 (**e.g.** F7) and go to next selection

   *Only the label formats with print area for Text number 3 will appears when press Preset Key number 7 or Preset Key number 8 to search the available label format. The selection of label format will skip if SPRC 320 set to "1: ENABLE".

KEY TO PRESS	DISPLAY
8 PPK DP >>	TEXT #0003　　ENTER:　　23 　　SELECT LABEL FORMAT 1　　F7
✳	TEXT #　0003　　　　　　　　　PRESET SIZE S1 CHAR 14 LINE 01　　　　　KEY

3) Enter 1st line of Text data as the same procedure as Commodity Name entry (**e.g.** PACKED DATE) and go to next line entry mode.

KEY TO PRESS	DISPLAY
[48 LETTER SIZE] [19 DP TERM P] [1 MG DAILY A] [3 DP DAILY C] [13 24H MONTH K] [5 24H DAILY E] ● ● ● ● ● ●	TEXT # 0003 KED DATE█ PRESET SIZE S1 CHAR 3 LINE 01 KEY
[✳]	TEXT # 0003 █ PRESET SIZE S1 CHAR 14 LINE 02 KEY

4) Enter Text data in the 2nd line if necessary. If not, save it.

   *If you want to exit without saving, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
[PLU]	PROGRAM TEXT ENTER: 0 ENTER TEXT # AND PRESS PRINT KEY

2. Print Text File

The Text report can be printed on **receipt paper.** You can print a **FULL Report** that includes all programmed Text data or print a **Single Report** that only includes one Text data.

Single Report Printing

1) At Text programming mode, enter existing Text Number (**e.g.** 3) then print out report

*If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
3	PROGRAM TEXT ENTER: 3 ENTER TEXT # AND PRESS PRINT KEY
→T←	PRINTING PROGRAM TEXT ENTER: 0 ENTER TEXT # AND PRESS PRINT KEY

Full Report Printing

1) At Text programming mode, print out full report.

*If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
→T←	PRINTING PROGRAM TEXT ENTER: 0 ENTER TEXT # AND PRESS PRINT KEY

3. Delete Text File

1) At Text programming mode, enter existing Text Number (**e.g.** 3) to be deleted.

KEY TO PRESS	DISPLAY
3	PROGRAM TEXT ENTER: 3 ENTER TEXT # AND PRESS PRINT KEY

2) Enter deleting mode.

KEY TO PRESS	DISPLAY
—	DELETE? YES: CLEAR KEY / NO: TARE KEY

3) Delete Text Number 3.

   *If you want to cancel the deletion, press **[TARE]** key to exit.

KEY TO PRESS	DISPLAY
C	PROGRAM TEXT ENTER: 0 ENTER TEXT # AND PRESS PRINT KEY

Free Format File

The Free Format enables you to design your own label format, by setting print angles, print positions, character size and other programmable items. You can create a new format by copying an existing label format and use it as a base or make a totally new label format.

1. General Information

Label format within the following height and width can be created.
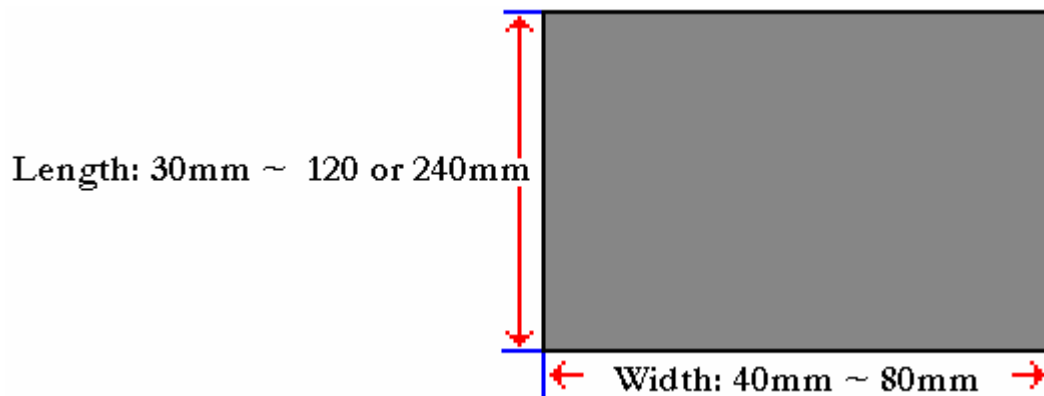
Note: Maximum label length can be set at **SPEC 164.**

- Up to 99 Free Formats can be stored in the memory, apart from the other 16 standard formats.
- Standard format can be used as a basic format for creating a new format.
- Print position of each item is programmed using "mm" or "dots".
- One Item label or one Total label is available for each Free Format number (F1~F99).
- 4 Print Angles can be set for all item data: 0, 90, 180 and 270 degrees.

2. Print Area, Print Position and Print Angles

All changeable item data should be programmed 8mm above the bottom of the label. The bottom 8 mm of the label should be used for invariable data such as shop name, since this area is printed when issuing the last label. Please do not program any item closer than 1mm to the edges of the label.

The print position of each item is determined by setting the interval from "0" point (X=0, Y=0) to the base position of the programmed item. X and Y values need to be entered by "mm" or "dots".

- ◆ 1 dot (horizontal) = 0.135 mm

- ◆ 1 dot (vertical)   = 0.155 mm

Print Area

The item data cannot be printed at the bottom 10 mm of labels. Pre-print data such as shop name or logo data is programmed at the bottom 10mm. Also the item data should not be printed within 1mm from the left edge or the right edge of the label as the following drawing shows.
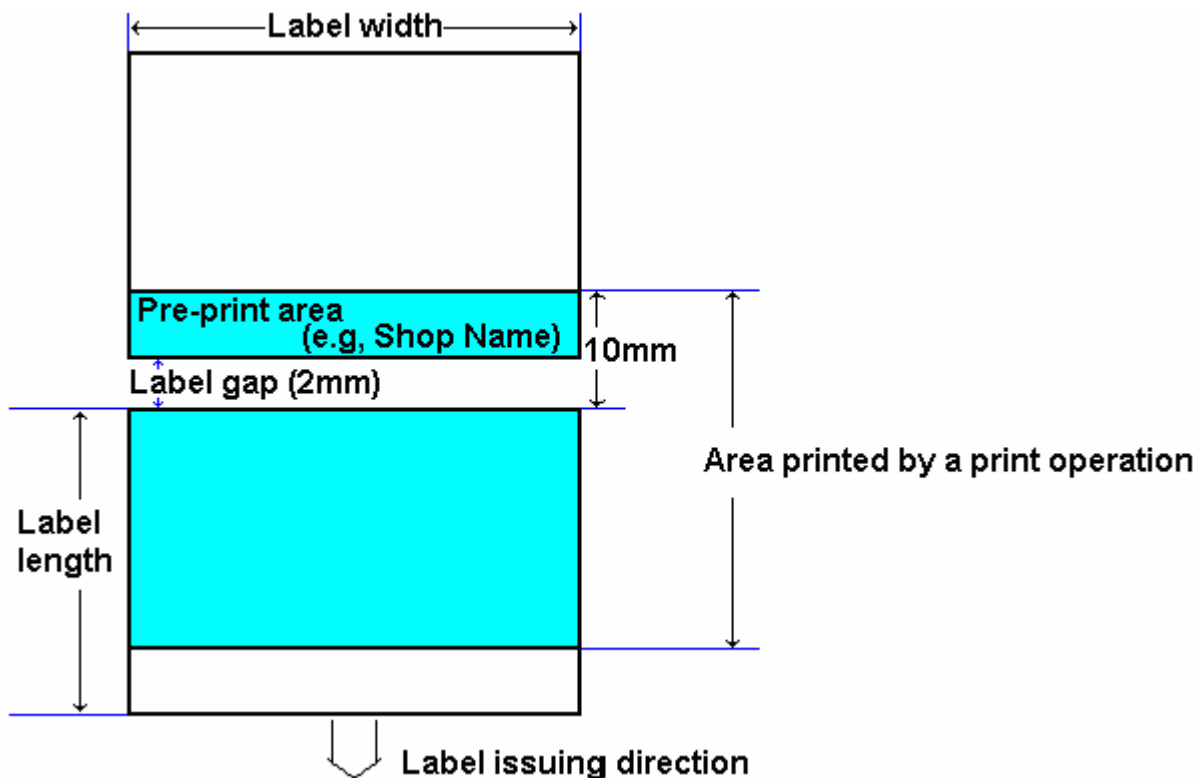
Print Position

The printing position of each item data is decided by setting the distance from 0 point (X=0, Y=0) to the base position (X value, Y value).
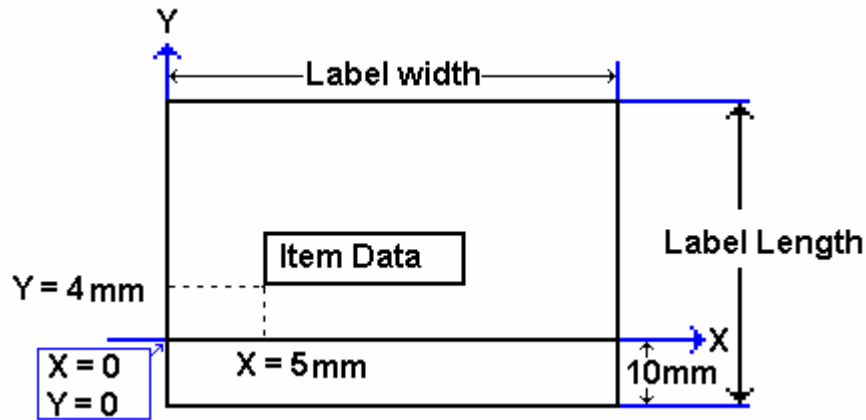
Print Angle

Print angle of each Print Item can be selected from 4 different angles, 0 degree, 90 degree, 180 degree, and 270 degree. A whole format base or each Item Data-base may set print angle. According to the selected print angle, the status of print position differs as the following samples.
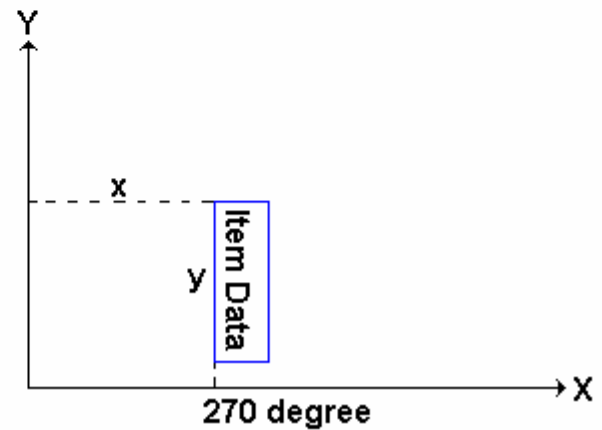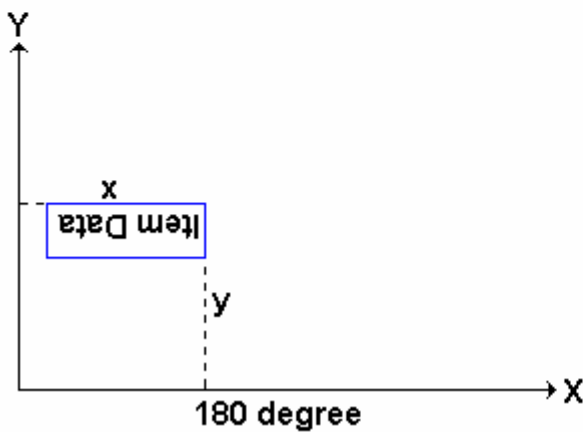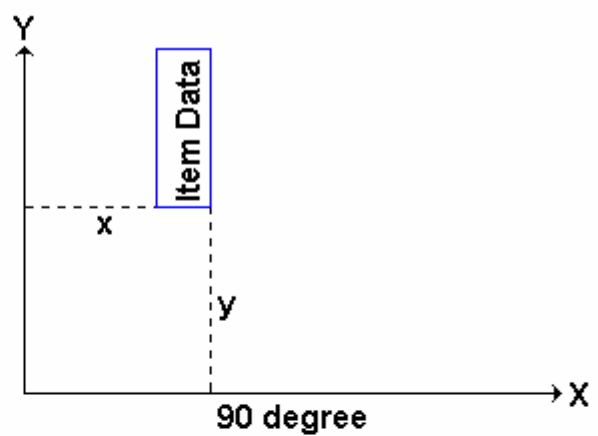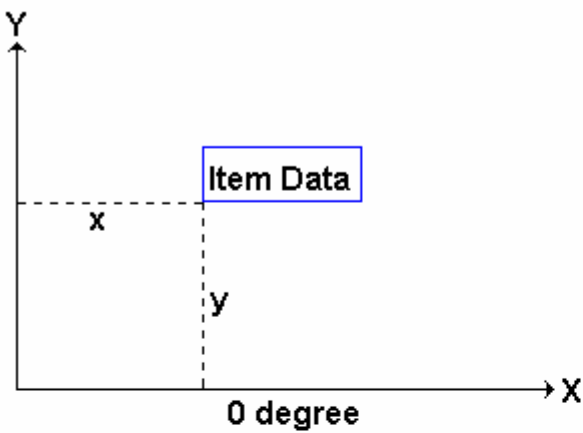
3. Free Format Entry

1) At Programming Mode, select Free Format programming mode and then enter new Free Format number (**e.g.** 3) programming mode.

   *For edit, enter existing Free Format number.

KEY TO PRESS	DISPLAY
1 2 ✕	FREE FORMAT PROGRAMMING ENTER: 0 ENTER FREE FORMAT# (1-99) & PRESS PRT KEY
3 ✳	FREE FORMAT #03 COPY FROM EXISTING FORMAT? YES: CLEAR KEY / NO: TARE KEY

2) Select Copy existing Label Format and then select the existing label format you want to be copy (**e.g.** T7) and go to next selection.

KEY TO PRESS	DISPLAY
C	FREE FORMAT #03 COPY FROM LABEL FORMAT NON
7	FREE FORMAT #03 ENTER: 7 COPY FROM LABEL FORMAT T7
✳	FREE FORMAT #03 ENTER (35-60 mm): 60 ENTER LABEL WIDTH AND PRESS PRINT KEY

   Note: Another way to select the existing label format to copy by press Preset Key number 7 or Preset Key number 8 to search the label format type.

3) If necessary to change label width, enter the value you want. If not, go to next selection.

KEY TO PRESS	DISPLAY
✳	FREE FORMAT #03 ENTER (20-120 mm): 49 ENTER LABEL HEIGHT AND PRESS PRINT KEY

4) If necessary to change label Height, enter the value you want. If not, go to next step.

KEY TO PRESS	DISPLAY
✳	FREE FORMAT #03 SELECT LABEL TYPE: ITEM LABEL 0 KEY / TOTAL LABEL 1 KEY

5) There are 2 types of label, Item Label and Total Label. *For example*: Enter Item Label programming Mode.

   *If you want to program Total Label, press **[1]** and the BLINKING point on LCD display is the current Item data (PLU NO) print area.

KEY TO PRESS	DISPLAY
⬜	FREE FMT: PLU NO 1 PLU NO & PRT

Note 1: Up to 83 different item data can be programmed in Item Label Format and is used for printing at Manual Mode and Pre-pack Mode.

Note 2: Up to 29 different item data can be programmed in Total Label Format and is used for printing multiple transaction labels for counter sales at Manual Mode, Sub-Total and Grand Total at Pre-pack Mode.

Note 3: There are two ways to select the Item Data in Free Format programming by using different keys such as:
- Enter the Item data number and then press **[X]** key.
- Press **[X]** key or **[−]** key to search the Item data.

6) After modify the print format, save it.

   *If you want to exit without saving, press **[CHANGE**] key follow by **[CLEAR]** key and then press **[CHANGE]** key follow by **[CLEAR]** key again.

KEY TO PRESS	DISPLAY
PLU	FREE FORMAT PROGRAMMING ENTER: 0 ENTER FREE FORMAT# (1-99) & PRESS PRT KEY
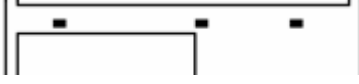
4. Test Printing

You can print out a sample label with all the programmed item data to refer to the positions and sizes on label.

Continued from Step 5 of Free Format Entry

KEY TO PRESS	DISPLAY	
		FREE FMT: PLU NO
		1 PLU NO & PRT

1) Enter Test Print mode and then select print STATUS (**e.g.** ALL PRINT).
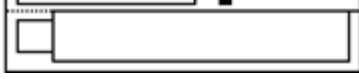
KEY TO PRESS	DISPLAY	
⇥ or 8 3 ✕ ✳		FREE FMT: TEST PRINT
		STATUS:0 NO PRINT
7		REE FMT: TEST PRINT
		STATUS:7 ALL PRINT

Note: Select PRINT status by press the number key as below:

0: NO PRINT	1: Weighing Item with 1st Price	2: Weighing Item with 2nd Price
3: All Weighing Item	4: All Non-weighing Item	5: Non-weighing Item with 1st Price
6: Non-weighing Item with 2nd Price		7: All Item Print

2) Issue Test print label out.

   *Save the Free Format setting, press **[PLU]** key.

KEY TO PRESS	DISPLAY	
✳		FREE FMT: TEST PRINT
		83 TEST PRINT & PRT

5. Item Data Position

The method of setting the Item data of label format differs and is therefore grouped into 4 types as follows.

Item Label Format

Up to 83 different item data can be programmed in Item Label Format and is used for printing at Manual mode and pre-pack mode.

Item Data	Type	Item Data	Type
1. PLU NO	1	45. PRICE BEFORE DISCOUNT	1
2. PRICE (-TAX)	1	46. UNIT PRICE BEFORE DISCOUNT	1
3. UNIT PRICE	1	47 ~ 56.IMAGE 1 ~ IMAGE 10	2
4. WEIGHT	1	57. AVERAGE PRICE	1
5. QUANTITY	1	58. AVERAGE WEIGHT	1
6. PACKED DATE	1	59. BONUS POINT	1
7. PACKED TIME	1	60. EURO UNIT PRICE	1
8. COMMODITY	2	61. EURO TOTAL PRICE	1
9. QUANTITY UNIT	1	62. EURO CALULATION	1
10. SELL DATE	1	63. DUPLICATE TOTAL PRICE	1
11. SELL TIME	1	64. DUPLICATE UNIT PRICE	1
12. BARCODE	3	66. BORN COUNTRY	1
13. SHOP NAME	2	67. FATTEN COUNTRY	1
14. DISCOUNT VALUE	1	68. SLAUGTHER HOUSE	1
15. USED DATE	1	69. CUTTING HALL	1
16. LOGO	2	70. REFER NO	1
17. MAIN GROUP CODE	1	71. ORIGIN	1
18. DEPARTMENT CODE	1	72. TEMPERATURE	1
19. SCALE NUMBER	1	73. MULTI BARCODE 1	3
20. INGREDIENT	2	74. MULTI BARCODE 2	3
21. SPECIAL MESSAGE	2	75. SERIAL NO	1
22. FRAME 1	4	76. GROSS WEIGHT	1
23. FRAME 2	4	77. REWRAP	1
24. TARE	1	78. KIND	1
25. CLERK	1	79. CATEGORY	1
26 ~ 41. TEXT 1 ~ TEXT 16	2	80. BREED	1
42. PRICE (+ TAX)	1	81. CONTACT	1
43. TAX RAGE	1	82. GTIN	1
44. PLACE	2		
Remarks: Item No.82 for Item Label is the test print mode for checking the programmed print format.			

Note: When SPEC 158 set to **"ENABLE"** the Screen of Item no.2 will change to **"DISCOUNT PRICE"** & item Number 3 change to **"DISCOUNT UNIT PRICE"**, and Item Number of 45 & 46 will appears.

Total Label Format

Up to 29 different item data can be programmed in Total Label Format and is used for printing multiple transaction labels for counter sales at Manual mode, Sub-Total and Grand Total at Pre-pack mode.

Item Data	Type	Item Data	Type
1. PLU NO	1	15. PRICE (- TAX)	1
2. PACK DATE	1	16. EXCLUDED TAX AMOUNT	1
3. WEIGHT	1	17. INCLUDED TAX AMOUNT	1
4. QUANTITY	1	18. EURO TOTAL PRICE	1
5. QUANTITY UNIT	1	19. USED DATE	1
6. PRICE (+ TAX)	1	20. BORN COUNTRY	1
7. PACKED TIME	1	21. FATTEN COUNTRY	1
8. TOTAL TITLE	1	22. SLAUGTHER HOUSE	1
9. BARCODE	3	23. CUTTING HALL	1
10. CLERK	1	24. REFER DATE	1
11. TEXT 17	2	25. ORIGINAL COUNTRY	1
12. TEXT 18	2	26. MULTI BARCODE 1	3
13. TEXT 19	2	27. MULTI BARCODE 2	3
14. TEXT 20	2	28. SERIAL NO	1

Remarks: Item No.29 for Total Label is the test print mode for checking the programmed print format

Programmable Data Type
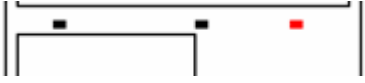
Programmable data	Type 1	Type 2	Type 3	Type 4
X position	YES	YES	YES	YES
Y position	YES	YES	YES	YES
Angle	YES	YES	YES	NO
Status	YES	YES	YES	YES
Character Size	YES	NO	NO	NO
Width	NO	YES	NO	NO
Height	NO	YES	YES	NO
Thickness	NO	NO	NO	YES

Type 1 Data Setting

The Type1 data setting is the numeric and fixed data. The position of Type 1 item data is decided by X, Y values, character size, angle and status. 10 different character sizes are available. The size of the print area varies according to the selected character size.

For example: Procedure to program print area for PRICE (+ TAX).

Continued from Step 5 of Free Format Entry.

KEY TO PRESS	DISPLAY
	FREE FMT: PLU NO 1 PLU NO & PRT
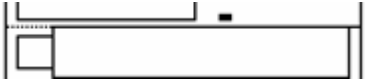
1) Select PRICE (+ TAX) program mode.

KEY TO PRESS	DISPLAY
4 2 ✕	FREE FMT: PRICE(+TAX) 42 PRICE(+TAX) & PRT

2) Enter PRICE (+ TAX) programmable mode.

KEY TO PRESS	DISPLAY
✳	FREE FMT: PRICE(+TAX) X POSITION: 0 mm

3) Enter X Position value (**e.g.** 38mm) and go to next selection.

KEY TO PRESS	DISPLAY
3 8 ✳	FREE FMT: PRICE(+TAX) Y POSITION: 0 mm

4) Enter Y Position value (**e.g.** 29mm) and go to next selection.

KEY TO PRESS	DISPLAY	
2 9 ✳		FREE FMT: PRICE(+TAX) ANGLE: 0 DG

5) Change print angle (**e.g.** NO CHANGE).

   *If you want to change it, press Preset Key number 7 or Preset Key number 8 to select the print angle you want.

KEY TO PRESS	DISPLAY	
✳		FREE FMT: PRICE(+TAX) STATUS:0 NO PRINT

6) Select print status (**e.g.** 7 = ALL PRINT) and go to next selection.

KEY TO PRESS	DISPLAY	
7 ✳		FREE FMT: PRICE(+TAX) CHAR SIZE: M5

7) Change the Character Size (**e.g.** M4) and save the PRICE (+ TAX) setting.

   *The Price (+TAX) print area will blink on LCD display.

KEY TO PRESS	DISPLAY	
CLERK ✳		FREE FMT: PRICE(+TAX) 42 PRICE(+TAX) & PRT

   Note: Press Preset Key number 7 or Preset Key number 8 to select the Character Size you want.

   If not necessary to program others item data, press **[PLU]** key to save the Free Format number 3 and return to Free Format programming Mode.

Type 2 Data Setting

Type 2 Data setting is to decide the position of alphanumeric data. The positions of type 2 data is decided by X, Y values, height, width, angle and status. The height and width decide the print area size as shown below.
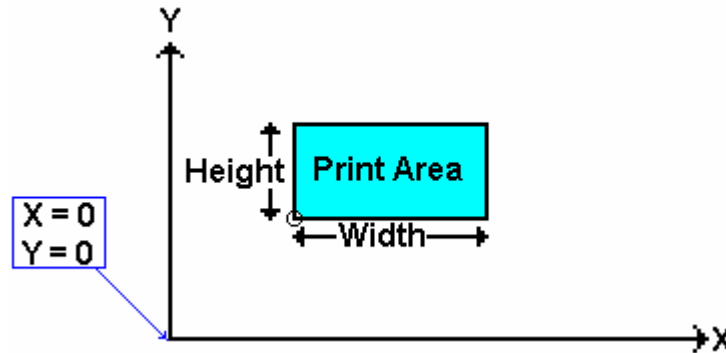
Note: The number of lines printed on the label will depend on the selected character size and the size of the programmed print area and for the Image print on label, the images must be downloaded in the machine in advance.

For example: Procedure to program print area for **INGREDIENT**

1) Select Ingredient program mode (*Continued from Step 5 of* Free Format Entry*)* and then enter Ingredient programmable mode.

KEY TO PRESS	DISPLAY	
2 0 ✕		FREE FMT: INGREDIENT
		20 INGREDIENT & PRT
✻		FREE FMT: INGREDIENT
		X POSITION: 0 mm

2) Enter X Position value (**e.g.** 2mm) and go to next selection.
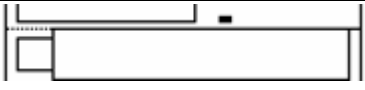
KEY TO PRESS	DISPLAY	
2 ✻		FREE FMT: INGREDIENT
		Y POSITION: 0 mm

3) Enter Y Position value (**e.g.** 17mm) and go to next selection.

KEY TO PRESS	DISPLAY	
1 7 *		FREE FMT: INGREDIENT ANGLE: 0 DG

4) Change print angle (**e.g.** NO CHANGE).
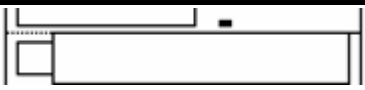
*If you want to change it, press Preset Key number 7 or Preset Key number 8 to select the print angle you want

KEY TO PRESS	DISPLAY	
*		FREE FMT: INGREDIENT TTL WIDTH: 0 mm

5) Enter WIDTH value (**e.g.** 52mm) and go to next selection.

KEY TO PRESS	DISPLAY	
5 2 *		FREE FMT: INGREDIENT TTL HEIGHT: 0 mm

6) Enter HEIGHT value (**e.g.** 10mm) and go to next selection.

KEY TO PRESS	DISPLAY	
1 0 *		FREE FMT: INGREDIENT STATUS:0 NO PRINT

7) Select print status (**e.g.** ALL PRINT) and save it.

*The Ingredient print area will blink on LCD display.

KEY TO PRESS	DISPLAY	
7 *		FREE FMT: INGREDIENT 20 INGREDIENT & PRT

Note: If not necessary to program others item data, press **[PLU]** key to save the Free Format number 3 and return to Free Format programming Mode.

Type 3 Data Setting

The type 3 setting is the Barcode data. Barcode data position is decided by X, Y values.

For example: Procedure to program print area for **BARCODE (Modify)**.

1) Select Barcode program mode (*Continued from Step 5 of Free Format Entry*).

   *The Barcode print area will blink on LCD display.

KEY TO PRESS	DISPLAY	
2 1 ✗		FREE FMT: BARCODE 12 BARCODE & PRT

2) Enter Barcode programmable mode.

KEY TO PRESS	DISPLAY	
✳		FREE FMT: BARCODE X POSITION: 2 mm

3) Change X Position value (**e.g.** NO CHANGE) and go to next selection.

KEY TO PRESS	DISPLAY	
✳		FREE FMT: BARCODE Y POSITION: 1 mm

4) Change Y Position value (**e.g.** 5mm) and go to next selection.

KEY TO PRESS	DISPLAY	
5 ✳		FREE FMT: BARCODE ANGLE: 0 DG

5) Change print angle (**e.g**. NO CHANGE).

*If you want to change it, press Preset Key number 7 or Preset Key number 8 to select the print angle you want.

KEY TO PRESS	DISPLAY	
✳		FREE FMT: BARCODE
		TTL HEIGHT: 17 mm

6) Change Height value (**e.g.** 6 mm) and go to next selection.

KEY TO PRESS	DISPLAY	
6 ✳		FREE FMT: BARCODE
		STATUS:7 ALL PRINT

7) Change print status (**e.g.** NO CHANGE) and save it.

*The Barcode print area will blink on LCD display.

KEY TO PRESS	DISPLAY	
✳		FREE FMT: BARCODE
		12 BARCODE & PRT

Note: If not necessary to program others item data, press **[PLU]** key to save the Free Format number 3 and return to Free Format programming Mode.

Type 4 Data Setting
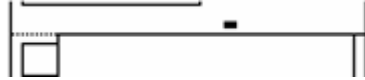
Type 4 is to decide the position of frame file. 2 frames can be set per Format. You can make a box or lines by setting the position of two frames to emphasize important information or just make the label more comprehensible. Please refer to the following drawing for details.

SM-720 will automatically make a box using the diagonal line.
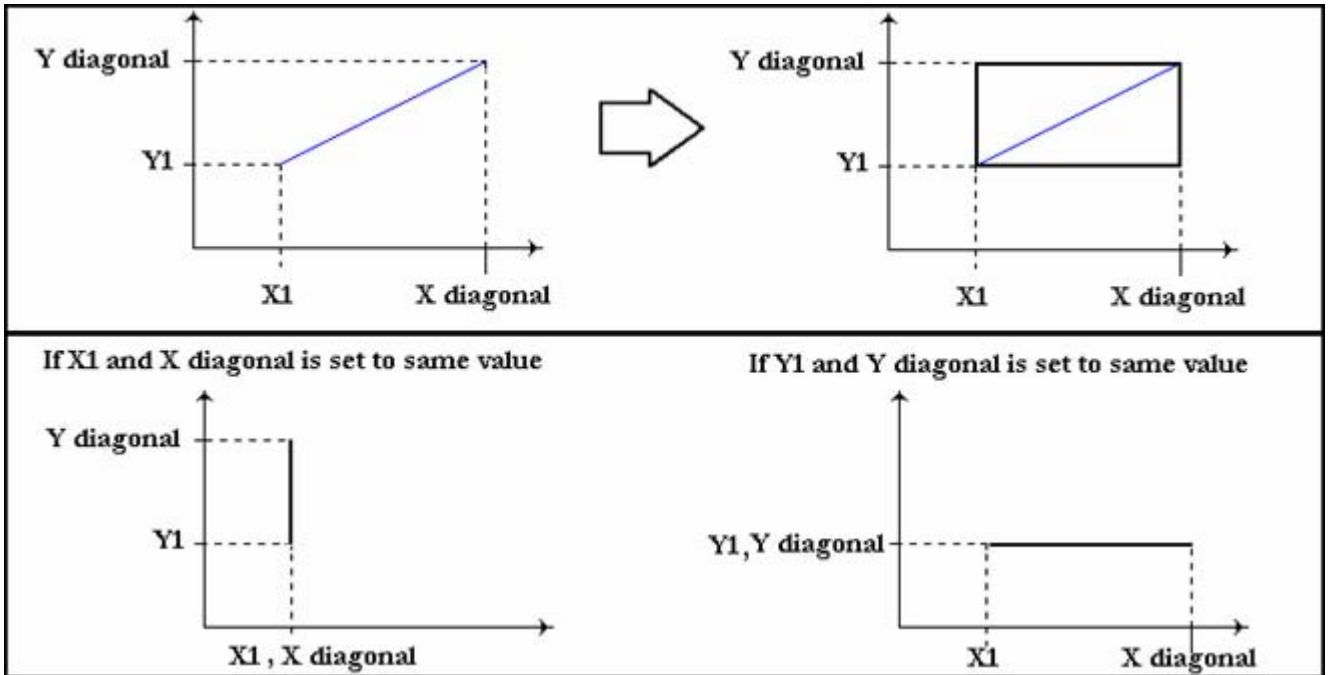
For example: Procedure to program **FRAME 1** to make a box.

1) Select Frame 1 program mode (*Continued from step 5 of* Free Format Entry*)* and then enter Frame 1 programmable mode.

KEY TO PRESS	DISPLAY	
2 2 ✖		FREE FMT: FRAME 1
		22 FRAME 1 & PRT
✱		FREE FMT: FRAME 1
		X-AXIS BASE: 0 mm

2) Enter X-AXIS value (**e.g.** 4 mm) and go to next selection.

KEY TO PRESS	DISPLAY	
4 ✳		FREE FMT: FRAME 1 Y-AXIS BASE: 0 mm

3) Enter Y-AXIS value (**e.g.** 13 mm) and go to next selection.

KEY TO PRESS	DISPLAY	
1 3 ✳		FREE FMT: FRAME 1 X DIAGONAL: 0 mm

4) Enter X Diagonal value (**e.g.** 50 mm) and go to next selection.

KEY TO PRESS	DISPLAY	
5 0 ✳		FREE FMT: FRAME 1 Y DIAGONAL: 0 mm

5) Enter Y Diagonal value (**e.g.** 16 mm) and go to next selection.

KEY TO PRESS	DISPLAY	
1 6 ✳		FREE FMT: FRAME 1 STATUS:0 NO PRINT

6) Select print status (**e.g.** 7 = ALL PRINT) and go to next selection.

KEY TO PRESS	DISPLAY	
7 ✳		FREE FMT: FRAME 1 THICHNESS: 0 mm

7) Enter Thickness value (**e.g.** 2 dots).

KEY TO PRESS	DISPLAY	
[CLERK 7] [2]		FREE FMT: FRAME 1 THICHNESS: 2 dot

8) Save Frame 1 setting.

*The Frame 1 print area will blink on LCD display.

KEY TO PRESS	DISPLAY	
[✳]		FREE FMT: FRAME 1 22 FRAME 1 & PRT

9) If not necessary to program others item data, save the Free Format number 3.

KEY TO PRESS	DISPLAY
[PLU]	FREE FORMAT PROGRAMMING ENTER: 0 ENTER FREE FORMAT# (1-99) & PRESS PRT KEY

6. Print Free Format File

The Free Format report can be printed on **receipt paper** and only available for SINGLE Report printing.

1) At Free Format programming mode, enter existing Free Format Number (**e.g.** 3) for SINGLE report printing.

KEY TO PRESS	DISPLAY
3	FREE FORMAT PROGRAMMING ENTER: 3 ENTER FREE FORMAT# (1-99) & PRESS PRT KEY

2) Print out report for Free Format Number 3.

   *If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
→T←	# PRINTING
	FREE FORMAT PROGRAMMING ENTER: 0 ENTER FREE FORMAT# (1-99) & PRESS PRT KEY

7. Delete Free Format File

The Free Format Label cannot be deleted when the label is linked to existing PLU file.

1) At Free Format programming mode, enter existing Free Format Number (**e.g.** 3) to be deleted.

KEY TO PRESS	DISPLAY
3	FREE FORMAT PROGRAMMING ENTER: 3 ENTER FREE FORMAT# (1-99) & PRESS PRT KEY

2) Enter deleting mode.

KEY TO PRESS	DISPLAY
–	DELETE? YES: CLEAR KEY / NO: TARE KEY

3) Delete Free Format Number 3.

   *If you want to cancel the deletion, press **[TARE]** key to escape.

KEY TO PRESS	DISPLAY
C	FREE FORMAT PROGRAMMING ENTER: 0 ENTER FREE FORMAT# (1-99) & PRESS PRT KEY

8. Sample of program a format by modifying the existing format

You can create your desired label format by copying an existing format and modifying it to your needs. Following is the example on how to customize standard format T-8 to your needs.
E.g. Add an ingredient text and remove the PLU # from the standard Item Label Format.

Standard Format T-8
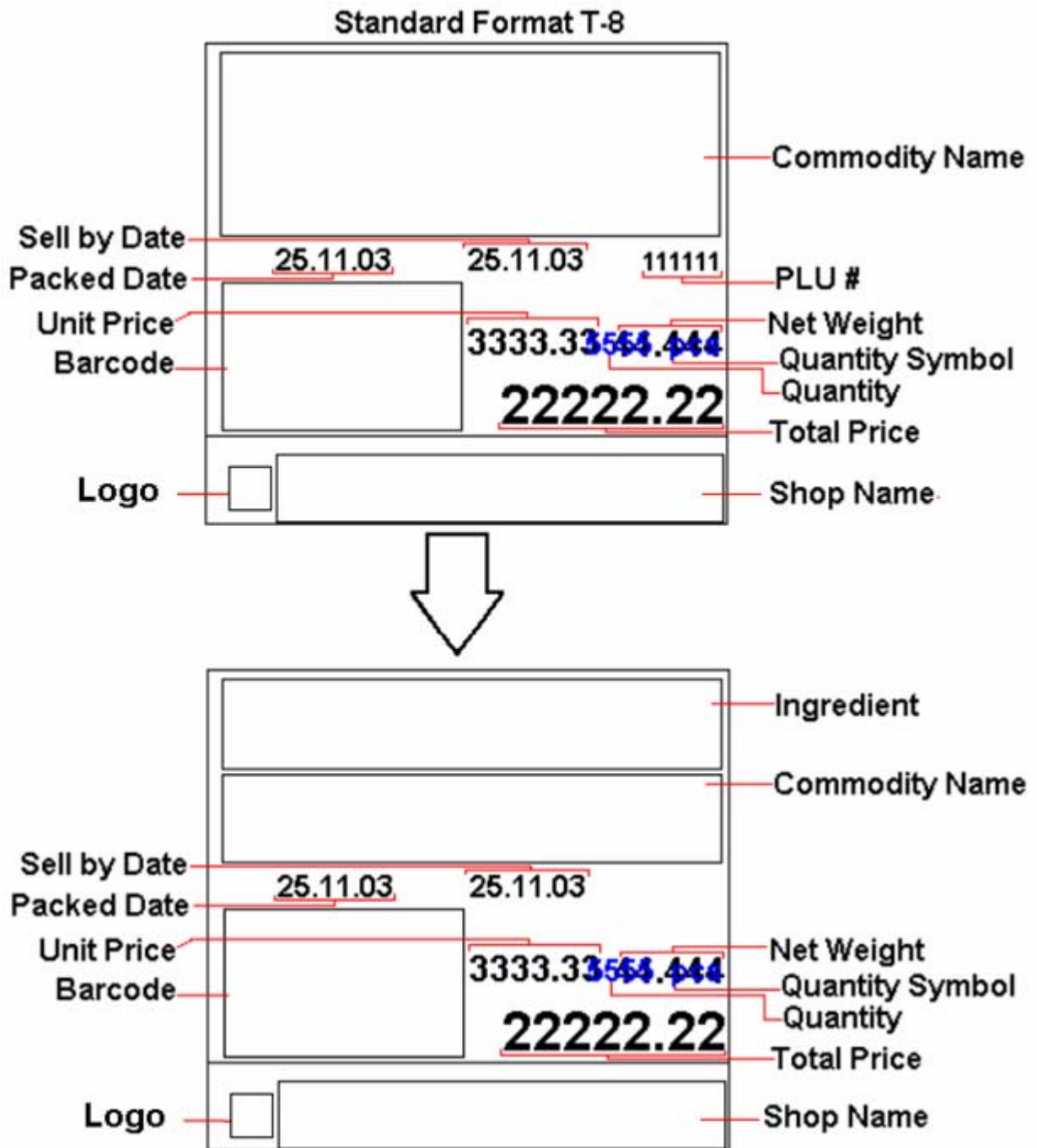
1) At Free Format program mode, enter new Free Format number (**e.g.** 8) programming mode.

KEY TO PRESS	DISPLAY
8 **＊**	FREE FORMAT #08 COPY FROM EXISTING FORMAT? YES: CLEAR KEY / NO: TARE KEY

2) Select Copy existing Label Format and then select the existing label format you want to be copy (**e.g.** T8) and go to next selection.

KEY TO PRESS	DISPLAY
C	FREE FORMAT #08 COPY FROM LABEL FORMAT NON
8 **＊**	FREE FORMAT #08 ENTER (35-60 mm): 60 ENTER LABEL WIDTH AND PRESS PRINT KEY

3) Change label width (**e.g.** NO CHANGE) and label height (**e.g.** NO CHANGE).

KEY TO PRESS	DISPLAY
＊	FREE FORMAT #08 ENTER (20-120 mm): 55 ENTER LABEL HEIGHT AND PRESS PRINT KEY
＊	FREE FORMAT #08 SELECT LABEL TYPE: ITEM LABEL 0 KEY / TOTAL LABEL 1 KEY

4) Select Item Label.

KEY TO PRESS	DISPLAY
0	FREE FMT: PLU NO 1 PLU NO & PRT
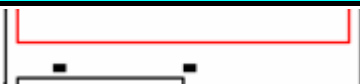
5) Enter PLU Number print Status mode and change the status to NO PRINT.

KEY TO PRESS	DISPLAY	
✳ ✳ ✳ ✳		FREE FMT: PLU NO STATUS:7 ALL PRINT
○ C or		FREE FMT: PLU NO STATUS:0 NO PRINT

6) Save the setting.

KEY TO PRESS	DISPLAY	
✳ ✳		FREE FMT: PLU NO 1 PLU NO & PRT

7) Select Commodity Name program mode.

KEY TO PRESS	DISPLAY	
8 ✕		FREE FMT: COMMODITY 8 COMMODITY & PRT

8) Enter Y position setting mode and change it from 23 mm to 32 mm and go to next selection.

KEY TO PRESS	DISPLAY	
✳ ✳ 3 2		FREE FMT: COMMODITY Y POSITION: 32 mm
✳		FREE FMT: COMMODITY ANGLE: 0 DG
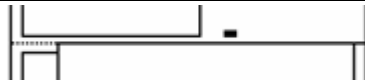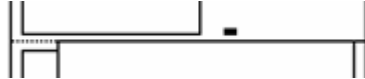
9) Enter TTL Height setting mode, change the height from 21 mm to 15 mm and go to next selection.

KEY TO PRESS	DISPLAY	
✳ ✳ 1 5		FREE FMT: COMMODITY TTL HEIGHT: 15　mm
✳		FREE FMT: COMMODITY STATUS:7 ALL PRINT

10) Save the Commodity Name print setting.

KEY TO PRESS	DISPLAY	
✳		FREE FMT: COMMODITY 　8 COMMODITY　& PRT

11) Select Ingredient program mode and then enter Ingredient programmable mode.

KEY TO PRESS	DISPLAY	
2 0 ✕		FREE FMT: INGREDIENT 20 INGREDIENT　& PRT
✳		FREE FMT: INGREDIENT X POSITION: 0　mm

12) Enter X Position value (**e.g.** 2mm) and Y Position value (**e.g.** 23mm) and go to next selection
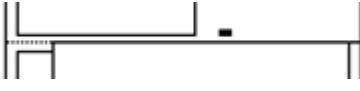
KEY TO PRESS	DISPLAY	
2 ✳		FREE FMT: INGREDIENT Y POSITION: 0　mm
2 3 ✳		FREE FMT: INGREDIENT ANGLE:　0　DG

13) Change print angle (**e.g.** NO CHANGE).
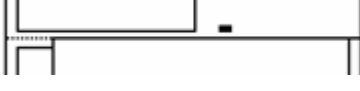
*If you want to change it, press Preset Key number 7 or Preset Key number 8 to select the print angle you want.

KEY TO PRESS	DISPLAY
✳	FREE FMT: INGREDIENT TTL WIDTH: 0 mm

14) Enter WIDTH value (**e.g.** 54mm) and go to next selection.
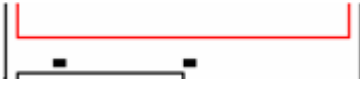
KEY TO PRESS	DISPLAY
5 4 ✳	FREE FMT: INGREDIENT TTL HEIGHT: 0 mm

15) Enter HEIGHT value (**e.g.** 10mm) and go to next selection.

KEY TO PRESS	DISPLAY
8 ✳	FREE FMT: INGREDIENT STATUS:0 NO PRINT

16) Select print status (**e.g.** 7 = ALL PRINT) and go to next selection.

*The Ingredient print area will blink on LCD display.

KEY TO PRESS	DISPLAY
7 ✳	FREE FMT: INGREDIENT 20 INGREDIENT & PRT

17) Save the Free Format number 8.

KEY TO PRESS	DISPLAY
PLU	FREE FORMAT PROGRAMMING ENTER: 0 ENTER FREE FORMAT# (1-99) & PRESS PRT KEY

Place File

PLACE file is used for programming a short text describing the place of production. The number of Characters possible to enter depends on the PLACE print area size and the character size used. Place will be printed in the free room of Commodity Name print area if selected label format without Place print area. Maximum 100 places (Place number 1 ~ 100) can be programmed, each with 1 line.

1. Program Place File

1) At Programming Mode, select Place programming mode and then enter new Place number (**e.g.** 3) programming mode.

   *For edit, enter existing Place number.

KEY TO PRESS	DISPLAY
1 5 ✕	PLACE PROGRAMMING ENTER: 0 ENTER PLACE# & PRESS PRINT KEY
3 ✱	PLACE #0003 ENTER: 0 SELECT LABEL FORMAT 1 DEFAULT T8

2) Change label format you want (**e.g.** F2) and then go to next selection.

   *If not necessary to change the label format, pres **[PRINT]** key go to next step.

KEY TO PRESS	DISPLAY
1 8	PLACE #0003 ENTER: 18 SELECT LABEL FORMAT 1 F2
✱	PLACE# 003 ENTER: 0 DISPLAY FORMAT NORMAL 0 KEY / INVERT 1 KEY

Note: You can also press Preset Key number 7 or Preset Key number 8 to search the available label format type and only the label formats with print area for Place will appears on display.

3) Select print method type (**e.g.** INVERT) and go to next selection.

*If you want to select NORMAL type, just press **[PRINT]** key to save it.

KEY TO PRESS	DISPLAY	
1 **✳**	PLACE # 003 SIZE M3CHAR 26LINE 01 █	PRESET KEY

4) Enter Place data (**e.g.** MADE IN DIGI) as the same procedure as Department Name entry.

KEY TO PRESS	DISPLAY	
48/ LETTER SIZE · 15/ M · 1 MG DAILY A · 4 ST DAILY D · 5 24H DAILY E · 31/ SPACE ● ● ● ● ● ● ●	PLACE # 003 SIZE M3CHAR 26LINE 01	IN DIGI█ PRESET KEY

5) Save Place number 3 data.

*If you want to exit without saving, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
PLU	PLACE PROGRAMMING ENTER: 0 ENTER PLACE# & PRESS PRINT KEY

2. Print Place File

The Place report can be printed on **receipt paper.** You can print a **FULL Report** that includes all programmed Place data or print a **Single Report** that only includes one Place data.

Single Report Printing

1) At Place programming mode, enter existing Place Number (**e.g.** 3) then print out report

   *If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
3	PLACE PROGRAMMING ENTER: 3 ENTER PLACE# & PRESS PRINT KEY
→T←	PRINTING
	PLACE PROGRAMMING ENTER: 0 ENTER PLACE# & PRESS PRINT KEY

Full Report Printing

1) At Place programming mode, print out full report.

   *If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
→T←	PRINTING
	PLACE PROGRAMMING ENTER: 0 ENTER PLACE# & PRESS PRINT KEY

3. Delete Place File

1) At Place programming mode, enter existing Place Number (**e.g.** 3) to be deleted.

KEY TO PRESS	DISPLAY
3	PLACE PROGRAMMING ENTER: 3 ENTER PLACE# & PRESS PRINT KEY

2) Enter deleting mode.

KEY TO PRESS	DISPLAY
—	DELETE? YES: CLEAR KEY / NO: TARE KEY

3) Delete Place Number 3.

   *If you want to cancel the deletion, press **[TARE]** key to exit.

KEY TO PRESS	DISPLAY
C	PLACE PROGRAMMING ENTER: 0 ENTER PLACE# & PRESS PRINT KEY

Logo File

Logo is the trademark of the shop, which will be printed in Label or Receipt. Logo will be printed on the top of receipt and on the left side of shop name on label. (When printing Logo data on Free Format Label, set the print area of Logo data on the Free Format in advance.)

Logo data can be programmed up to 4 logos. When using 4 logos for label, assign the LOGO KEY to preset key in advance. A logo data is formed by a pattern of dots (128 horizontal dots and 64 vertical dots.) However, since the Label logo data is printed within the limits, which are programmed in label formats, program the logo data within the limits of print area on the format.

Note: All standard formats have 37 dots x 30 dots for logo print area.

1. Pre-programming Logo Data

1) Prepare a section paper with 128 horizontal dots and 64 vertical dots.

2) When programming Label Logo, draw the limit of the Logo print area.

3) Draw the desired logo design in the section paper by filling the section with dot. (The dots are necessary to seize the image of the actual logo before programming.)

Example: **DIGI Logo for label** (37 x 30 dots).
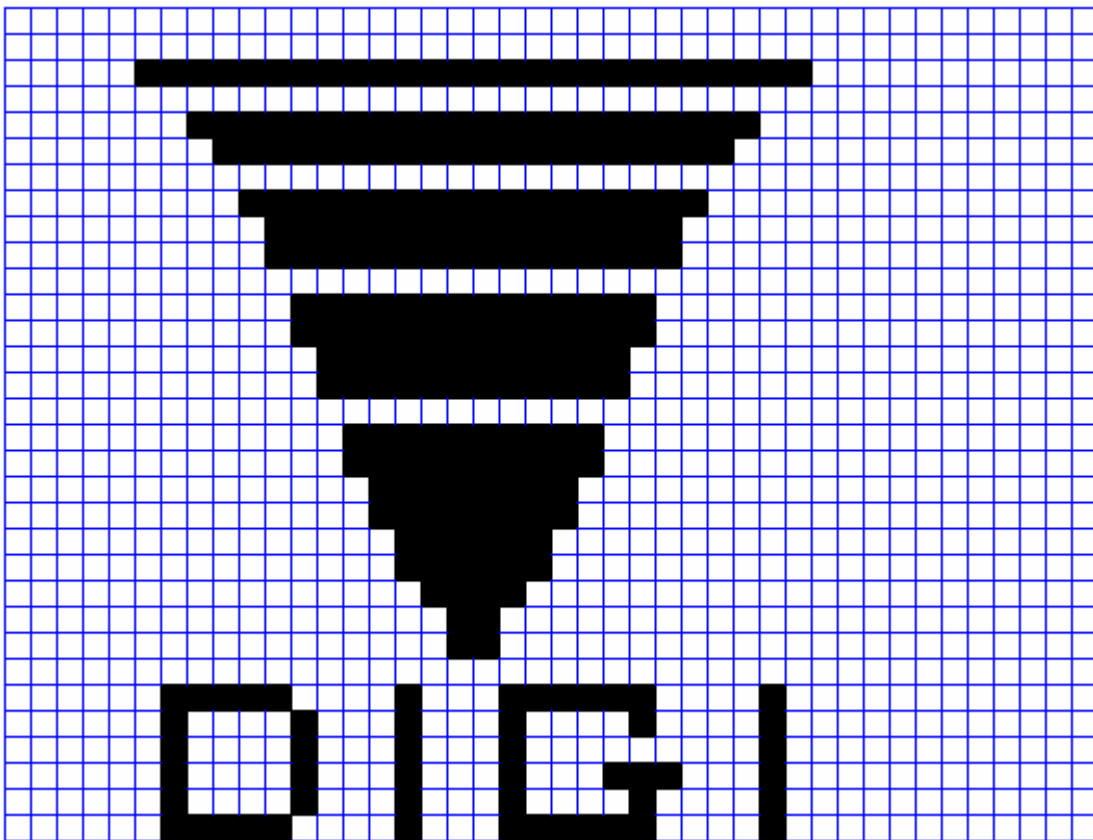
2. Program Display & Keys Function

Program Display for Logo Set Up

The following display appears when entering Logo Program Mode.
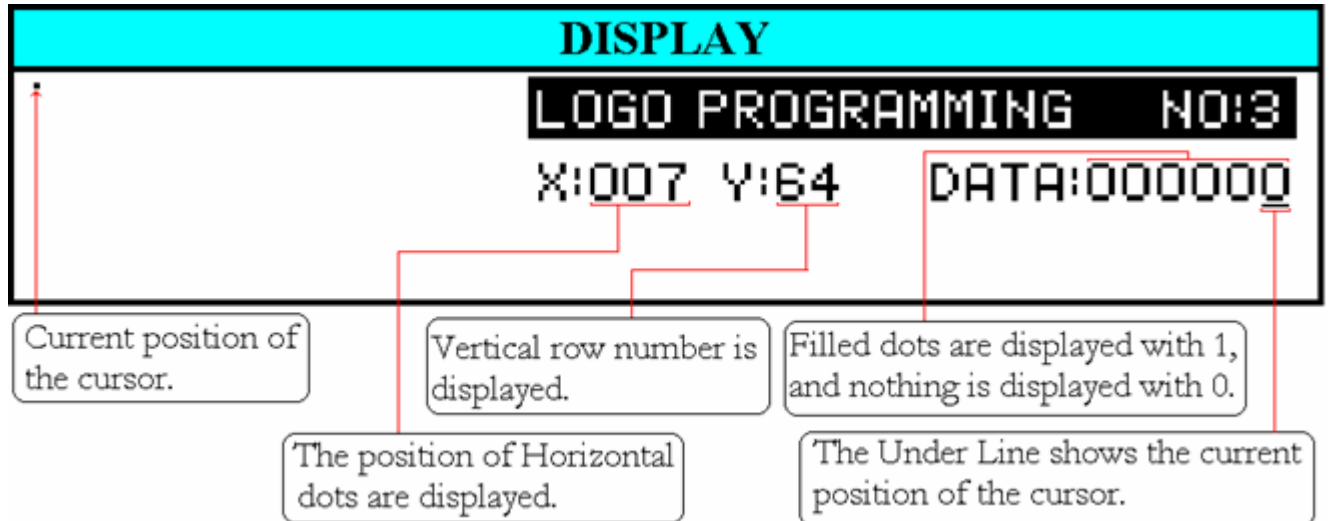
Key Function for LOGO Set Up

⬜	------- Clear a dot.
1	------- Fill a dot.
CLERK	------- Move the cursor to left. [←]
PPK DP	------- Move the cursor to right. [→]
M	------- Move the cursor to up. [↑]
PPK MG	------- Move the cursor to down. [↓]
✳	------- Move up to the first dot in the next line.
PLU	------- Store the Data.

3. Programming Order

① After filling a section, programming status (the position of the cursor) moves to the next dot automatically.

② When the programming status reached to the last dot (128 horizontal dots), or **[PRINT]** key is depress, the programming status moves to the first left section on the next upper line automatically.

4. Program Logo File

1) At Programming Mode, select Logo programming mode and enter new Logo number (**e.g.** 3)
   programming mode.

   *For edit, enter existing Logo number.

KEY TO PRESS	DISPLAY
1 7 ✕	LOGO PROGRAMMING ENTER: 0 ENTER LOGO# (1-4) & PRESS PRINT KEY
3 ✳	LOGO # 3 ENTER (DOT): 0 ENTER X CO-ORDINATE AND PRESS PRINT KEY

2) Enter Horizontal position to start (**e.g.** 7 dots) and go to next selection.

KEY TO PRESS	DISPLAY
7 ✳	LOGO # 3 ENTER (DOT): 0 ENTER Y CO-ORDINATE AND PRESS PRINT KEY

3) Enter Vertical position to start (**e.g.** 1 dots) and go to next selection.

KEY TO PRESS	DISPLAY
1 ✳	LOGO PROGRAMMING NO:3 • X:007 Y:01 DATA:000000

4) Set Fill or Clear dots you want and the save the setting and go to next upper line (Y 02).

KEY TO PRESS	DISPLAY
1 1 1 1 1 0 0 0 0 1 **0 0 0 1 1 1 1 1 1 0** **0 0 0 1**	LOGO PROGRAMMING NO:3 — · — · X:031 Y:01 DATA:000010
✳	LOGO PROGRAMMING NO:3 · — · — ·
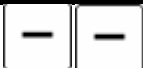
	X:001 Y:02 DATA:<u>0</u>00000

5) Set Horizontal start position (**e.g.** 7 dots).

KEY TO PRESS	DISPLAY
	LOGO PROGRAMMING NO:3 X:007 Y:02 DATA:<u>0</u>00000

Note: If necessary to change the position of the cursor been set, the following procedure is required.

a) Move back to the dot entry display.

KEY TO PRESS	DISPLAY
	LOGO # 3 ENTER (DOT): 7 ENTER X CO-ORDINATE AND PRESS PRINT KEY

b) Change the Horizontal start position (**e.g.** 5 dots).

*If not necessary to change the position, press **[PRINT]** key to next step.

KEY TO PRESS	DISPLAY
	LOGO # 3 ENTER (DOT): 2 ENTER Y CO-ORDINATE AND PRESS PRINT KEY

c) Change the Vertical start position (**e.g.** NO CHANGE).

KEY TO PRESS	DISPLAY
	LOGO PROGRAMMING NO:3 X:005 Y:02 DATA:0000<u>0</u>0

6) After complete program Logo data, save it.

*If you want to exit without saving, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
	LOGO PROGRAMMING ENTER: 0 ENTER LOGO# (1-4) & PRESS PRINT KEY

5. Print Logo File

The Logo report can be printed on **label** or **receipt paper.** You can print a **Single Report** that only includes one Logo data.

1) At Logo programming mode, enter existing Logo Number (**e.g.** 3) for SINGLE report printing.

KEY TO PRESS	DISPLAY
3	LOGO PROGRAMMING ENTER: 3 ENTER LOGO# (1-4) & PRESS PRINT KEY

2) Print out report for Logo Number 3.

   *If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
→T←	PRINTING
	LOGO PROGRAMMING ENTER: 0 ENTER LOGO# (1-4) & PRESS PRINT KEY

6. Delete Logo File

1) At Logo programming mode, enter existing Logo Number (**e.g.** 3) to be deleted.

KEY TO PRESS	DISPLAY
3	LOGO PROGRAMMING ENTER: 3 ENTER LOGO# (1-4) & PRESS PRINT KEY

2) Enter deleting mode.

KEY TO PRESS	DISPLAY
—	DELETE? YES: CLEAR KEY / NO: TARE KEY

3) Delete Logo Number 3.

   *If you want to cancel the deletion, press **[TARE]** key to exit.

KEY TO PRESS	DISPLAY
C	LOGO PROGRAMMING ENTER: 0 ENTER LOGO# (1-4) & PRESS PRINT KEY

Tax File

This function enables you to program consumption tax rate included or excluded in the price. Up to 10 Tax Numbers (1 - 10) can be programmed. The programmed Tax rates (Tax Number) that are linked to a Main Group will apply for all PLU's in that Main Group or set the Tax Number in individual PLU File. Tax Rates can be entered between 00.00 % - 99.99 %. To enable TAX programming mode, **SPEC 603** must set to **1 (TAX)** in advance.

There are two types of Taxes:

- ADD ON TAX: Tax is added to the Total Price.

- VAT TAX: Tax is included in the Total Price.

Note: If you want print **PRICE WITH TAX** on Item Label, the selected label format must has print area for Price + Tax and **SPEC 659:** SELECTION OF ITEM PRICE PRINTING must set to ITEM PRICE AFTER TAX in advance.

1. Program Tax File

1) At Programming Mode, select TAX programming mode and then enter new Tax number (**e.g.** 3) programming mode.

   *For edit, enter existing Tax number.

KEY TO PRESS	DISPLAY
1 8 ✗	TAX PROGRAMMING ENTER: 0 ENTER TAX # (1-10) & PRESS PRINT KEY
3 ✳	TAX # 03 ENTER: 0 TAX TYPE : VAT TAX 0 KEY / ADD ON TAX 1 KEY

2) Select Tax Type you want (**e.g.** 1: Add on Tax).

   *If you want to select VAT Tax, just press **[PRINT]** key.

KEY TO PRESS	DISPLAY
1 ✳	TAX # 03 ENTER TAX RATE: 0.00

3) Enter Tax Rate (**e.g.** 5.00%) and save the data.

   *If you want to exit without saving, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
5 0 0 ✳	TAX PROGRAMMING ENTER: 0 ENTER TAX # (1-10) & PRESS PRINT KEY

2. Print Tax File

The Tax report can be printed on **receipt paper.** You can print a **FULL Report** that includes all programmed Tax data or print a **Single Report** that only includes one Tax data.

Single Report Printing

1) At Tax programming mode, enter existing Tax Number (**e.g.** 3) then print out report

   *If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
3	TAX PROGRAMMING ENTER: 3 ENTER TAX # (1-10) & PRESS PRINT KEY
→T←	PRINTING TAX PROGRAMMING ENTER: 0 ENTER TAX # (1-10) & PRESS PRINT KEY

Full Report Printing

1) At Tax programming mode, print out full report.

   *If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
→T←	PRINTING TAX PROGRAMMING ENTER: 0 ENTER TAX # (1-10) & PRESS PRINT KEY

3. Delete Tax File

When the Tax Number linked to the existing Main Group File or PLU File, the Tax Number cannot be deleted. In addition, the Tax Number 1 cannot be deleted.

1) At Tax programming mode, enter existing Tax Number (**e.g.** 3) to be deleted.

KEY TO PRESS	DISPLAY
3	TAX PROGRAMMING ENTER: 3 ENTER TAX # (1-10) & PRESS PRINT KEY

2) Enter deleting mode.

KEY TO PRESS	DISPLAY
—	DELETE? YES: CLEAR KEY / NO: TARE KEY

3) Delete Tax Number 3.

   *If you want to cancel the deletion, press **[TARE]** key to exit.

KEY TO PRESS	DISPLAY
C	TAX PROGRAMMING ENTER: 0 ENTER TAX # (1-10) & PRESS PRINT KEY

Job Batch Schedule File

Job Batch Schedule is use to program a series of label with different PLUs (For Non-Weighing Item only) for One time print by using **[BATCH FILE PRINT]** Function Key to call up at **PRE-PACK MODE**. Up to 99 Job Batch Number can be programmed.

1. Program Job Batch File

1) At Programming Mode, select Job Batch programming mode and select Print Batch Type (**e.g.** ALL BATCHES).

   *If you want print Batch File Per-PLU, please select YES.

KEY TO PRESS	DISPLAY
3 3 ✕	PRINT BATCH PER PLU ENTER: 0 NO 0 KEY YES: 1 KEY
✳	JOB BATCH NO ENTER: 0 ENTER BATCH JOB# AND PRESS PRINT KEY

2) Enter new Job Batch number (**e.g.** 3) programming mode.

   *For edit, enter existing Job Batch number.

KEY TO PRESS	DISPLAY
3 ✳	JOB BATCH 03 PLU 0 PRESS * KEY FOR NXT SELECTION

3) Enter existing PLU number (**e.g.** 1) and go to next step.

   *If you want back to previous step, press [–] key.

KEY TO PRESS	DISPLAY
1 ✳	PRT QTY SELECT ENTER: 0 PRESS * KEY FOR NXT SELECTION

4) Enter print quantity for PLU number 1 (**e.g.** 10) and go to next step.

KEY TO PRESS	DISPLAY
1 0 *	PLU PRICE CHANGE ENTER: 0.00 PRESS * KEY FOR NXT SELECTION

   Note: The parameter of PLU Price Change will skip, if SPEC 42 is set to INHIBIT.

5) Enter new Price you want (**e.g.** 4.00/PCS) and go to next step.

   *If not necessary to change Price, press [PRINT] key go to next step.

KEY TO PRESS	DISPLAY
4 0 0 *	PLU ADVERTISEMENT ENTER: 0 PRESS * KEY FOR NXT SELECTION

6) Enter existing Advertisement number (**e.g.** 3) and go to next step.

   *If not necessary to print Advertisement data on label, press **[PRINT]** key go to next step.

KEY TO PRESS	DISPLAY
3 *	PLU SHOP ENTER: 0 PRESS PLU KEY TO SAVE

7) Enter existing Shop Name number (**e.g.** 3) and save the programming.

   *If not necessary print Shop Name on label, press **[PLU]** key to save the setting or if you want to exit without saving, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
3 PLU	PRINT BATCH PER PLU ENTER: 0 NO 0 KEY YES: 1 KEY

   Note: If you need to program more Job Batch Number, repeat the above program procedures.

2. Print Job Batch File

The Job Batch report can be printed on **receipt paper.** You can print a **FULL Report** that includes all programmed Job Batch data or print a **Single Report** that only includes one Job Batch data.

Single Report Printing

1) At Job Batch Number programming mode (P33.1), enter existing Job Batch Number (**e.g.** 3) then print out report

   *If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
3	JOB BATCH NO ENTER: 3 ENTER BATCH JOB# AND PRESS PRINT KEY
→T←	PRINTING JOB BATCH NO ENTER: 0 ENTER BATCH JOB# AND PRESS PRINT KEY

Full Report Printing

1) At Job Batch Number programming mode (P33.1), print out full report.

   *If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
→T←	PRINTING JOB BATCH NO ENTER: 0 ENTER BATCH JOB# AND PRESS PRINT KEY

3. Delete Job Batch File

1) At Job Batch Number programming mode (P33.1), enter existing Job Batch Number (**e.g.** 3) to be deleted.

KEY TO PRESS	DISPLAY
3	JOB BATCH NO ENTER: 3 ENTER BATCH JOB# AND PRESS PRINT KEY

2) Enter deleting mode.

KEY TO PRESS	DISPLAY
–	DELETE? YES: CLEAR KEY / NO: TARE KEY

3) Delete Job Batch Number 3.

   *If you want to cancel the deletion, press **[TARE]** key to exit.

KEY TO PRESS	DISPLAY
C	JOB BATCH NO ENTER: 0 ENTER BATCH JOB# AND PRESS PRINT KEY

Country File

Country File is used to program Country Name for Traceability Information programming and printed on Label or Receipt. Since standard format does not have a print area set for Country Name, the Country Name cannot be printed when using these formats. To print Country Name on the label, it is required to use a Free Format with a Country Name print area programmed.

Maximum 9999 Country Files can be programmed and maximum 16 characters can be entered per Country File, each with 1 line.

Note: To enable this Programming Mode, **SPEC 258: BEEF LABELLING** must set to **"YES"** in advance.

1. Program Country File

1) At Programming Mode, select Country program mode and then enter new Country number (**e.g.** 36) programming mode.

   *For edit, enter existing Country number.

KEY TO PRESS	DISPLAY
3 4 ✕	PROGRAM COUNTRY ENTER: 0 ENTER COUNTRY # AND PRESS PRINT KEY
3 6 ✳	COUNTRY0036 PRESET CHAR 1 ▮ KEY

2) Enter Country Name (**e.g.** AUSTRALIA) as the same procedure as Department Name entry and then save the data.

   *If you want to exit without saving, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
48/LETTER SIZE 1/MG DAILY A 25/U 22/ABC TERM S 23/T 21/24H TERM R 1/MG DAILY A 14/L 11/DP MONTH I 1/MG DAILY A	COUNTRY0036 **AUSTRALIA**▮ PRESET CHAR 10 KEY
PLU	PROGRAM COUNTRY ENTER: 0 ENTER COUNTRY # AND PRESS PRINT KEY

2. Print Country File

The Country report can be printed on **receipt paper.** You can print a **FULL Report** that includes all programmed Country data or print a **Single Report** that only includes one Country data.

Single Report Printing

1) At Country program mode, enter existing Country Number (**e.g.** 3) then print out report

   *If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
3	PROGRAM COUNTRY ENTER: 3 ENTER COUNTRY # AND PRESS PRINT KEY
→T←	PRINTING PROGRAM COUNTRY ENTER: 0 ENTER COUNTRY # AND PRESS PRINT KEY

Full Report Printing

1) At Country program mode, print out full report.

   *If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
→T←	PRINTING PROGRAM COUNTRY ENTER: 0 ENTER COUNTRY # AND PRESS PRINT KEY

3. Delete Country File

1) At Country program mode, enter existing Country Number (**e.g.** 3) to be deleted.

KEY TO PRESS	DISPLAY
3	PROGRAM COUNTRY ENTER: 3 ENTER COUNTRY # AND PRESS PRINT KEY

2) Enter deleting mode.

KEY TO PRESS	DISPLAY
—	DELETE? YES: CLEAR KEY / NO: TARE KEY

3) Delete Country Number 3.

   *If you want to cancel the deletion, press **[TARE]** key to exit.

KEY TO PRESS	DISPLAY
C	PROGRAM COUNTRY ENTER: 0 ENTER COUNTRY # AND PRESS PRINT KEY

Cutting Hall File

Cutting Hall is used to program Cutting Hall Name for Traceability Information programming and printed on Label or Receipt. Since standard format does not have a print area set for Cutting Halls, the Cutting Halls cannot be printed when using these formats. To print Cutting Halls on the label, it is required to use a Free Format with a Cutting Halls print area programmed.

Maximum 9999 Cutting Halls can be programmed and maximum 16 characters can be entered per File, each with 1 line.

Note: To enable this Programming Mode, **SPEC 258: BEEF LABELLING** must set to **YES** in advance.

1. Program Cutting Hall File

1) At Programming Mode, select Cutting Hall programming mode and then enter new Cutting Hall number (**e.g.** 54) programming mode.

   *For edit, enter existing Cutting Hall number.

KEY TO PRESS	DISPLAY
3 5 ✕	PROGRAM CUTTING HALL ENTER: 0 ENTER CUTTING HALL # AND PRESS PRINT KEY
5 4 ✳	HALL # 0054 LINKED TO COUNTRY # 0

2) Enter existing Country number (**e.g.** 36) and go to next step.

KEY TO PRESS	DISPLAY
3 6 ✳	HALL # 0054 PRESET CHAR 1 KEY

3) Enter Cutting Hall Name (**e.g.** CUT HALL # A) as the same procedure as Department Name entry and then save the data.

   *If you want to exit without saving, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
[LETTER SIZE] [DP DAILY/C] [U] [T] [SPACE] [H] ● ● ● ● ● ● ●	HALL # 0054 **CUT HALL # A▮** PRESET CHAR 13 KEY
PLU	PROGRAM CUTTING HALL ENTER: 0 ENTER CUTTING HALL # AND PRESS PRINT KEY

2. Print Cutting Hall File

The Cutting Hall report can be printed on **receipt paper.** You can print a **FULL Report** that includes all programmed Cutting Hall data or print a **Single Report** that only includes one Cutting Hall data.

Single Report Printing

1) At Cutting Hall program mode, enter existing Cutting Hall Number (**e.g.** 3) then print out report

   *If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
3	PROGRAM CUTTING HALL ENTER: 3 ENTER CUTTING HALL # AND PRESS PRINT KEY
→T←	PRINTING
	PROGRAM CUTTING HALL ENTER: 0 ENTER CUTTING HALL # AND PRESS PRINT KEY

Full Report Printing

1) At Cutting Hall program mode print out full report.

   *If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
→T←	PRINTING
	PROGRAM CUTTING HALL ENTER: 0 ENTER CUTTING HALL # AND PRESS PRINT KEY

3. Delete Cutting Hall File

1) At Cutting Hall program mode, enter existing Cutting Hall Number (**e.g.** 3) to be deleted.

KEY TO PRESS	DISPLAY
3	PROGRAM CUTTING HALL ENTER: 3 ENTER CUTTING HALL # AND PRESS PRINT KEY

2) Enter deleting mode.

KEY TO PRESS	DISPLAY
—	DELETE? YES: CLEAR KEY / NO: TARE KEY

3) Delete Cutting Hall Number 3.

   *If you want to cancel the deletion, press **[TARE]** key to exit.

KEY TO PRESS	DISPLAY
C	PROGRAM CUTTING HALL ENTER: 0 ENTER CUTTING HALL # AND PRESS PRINT KEY

Slaughter House File

Slaughter Houses is used to program Name of the Slaughter House for Traceability Information programming and printed on Label or Receipt. Since standard format does not have a print area set for Slaughter Houses, the Slaughter Houses cannot be printed when using these formats. To print Slaughter Houses on the label, it is required to use a Free Format with a Slaughter Houses print area programmed. Maximum 9999 Slaughter Houses can be programmed and maximum 16 characters can be entered per File, each with 1 line.

Note: To enable this Programming Mode, **SPEC 258: BEEF LABELLING** must set to **YES** in advance.

1. Program Slaughter House File

1) At Programming Mode, select Slaughter House programming mode and then enter new Slaughter House number (**e.g.** 54) programming mode.

   *For edit, enter existing Slaughter House number.

KEY TO PRESS	DISPLAY
3 6 ✕	PROGRAM SLAUGHTER HOUSE ENTER: 0 ENTER SLAUGHTER HOUSE # & PRESS PRINT KEY
5 4 ✳	HOUSE # 0054 LINKED TO COUNTRY # 0

2) Enter existing Country number (**e.g.** 36) and go to next step.

KEY TO PRESS	DISPLAY	
3 6 ✳	HOUSE # 0054 ▮ CHAR 1	PRESET KEY

3) Enter Slaughter House Name (**e.g.** House # A) as the same procedure as Department Name entry and then save the data.

   *If you want to exit without saving, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY	
(keys) H 0 U S • • • • • • •	HOUSE # 0054 House # A▮ CHAR 10	PRESET KEY
PLU	PROGRAM SLAUGHTER HOUSE ENTER: 0 ENTER SLAUGHTER HOUSE # & PRESS PRINT KEY	

2. Print Slaughter House File

The Slaughter House report can be printed on **receipt paper.** You can print a **FULL Report** that includes all programmed Slaughter House data or print a **Single Report** that only includes one Slaughter House data.

Single Report Printing

1) At Slaughter House program mode, enter existing Slaughter House Number (**e.g.** 3) then print out report

   *If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
3	PROGRAM SLAUGHTER HOUSE ENTER: 3 ENTER SLAUGHTER HOUSE # & PRESS PRINT KEY
→T←	PRINTING <hr> PROGRAM SLAUGHTER HOUSE ENTER: 0 ENTER SLAUGHTER HOUSE # & PRESS PRINT KEY

Full Report Printing

1) At Slaughter House program mode print out full report.

   *If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
→T←	PRINTING <hr> PROGRAM SLAUGHTER HOUSE ENTER: 0 ENTER SLAUGHTER HOUSE # & PRESS PRINT KEY

3. Delete Slaughter House File

1) At Slaughter House program mode, enter existing Slaughter House Number (**e.g.** 3) to be deleted.

KEY TO PRESS	DISPLAY
３	PROGRAM SLAUGHTER HOUSE ENTER: 3 ENTER SLAUGHTER HOUSE # & PRESS PRINT KEY

2) Enter deleting mode.

KEY TO PRESS	DISPLAY
─	DELETE? YES: CLEAR KEY / NO: TARE KEY

3) Delete Slaughter House Number 3.

   *If you want to cancel the deletion, press **[TARE]** key to exit.

KEY TO PRESS	DISPLAY
C	PROGRAM SLAUGHTER HOUSE ENTER: 0 ENTER SLAUGHTER HOUSE # & PRESS PRINT KEY

Kind File

Kind File is used to program Name of the Kind for Traceability Information programming and printed on Label or Receipt. Since standard format does not have a print area set for Kind, the Kind cannot be printed when using these formats. To print Kind on the label, it is required to use a Free Format with a Kind print area programmed.

Maximum 9999 Kinds can be programmed and maximum 16 characters can be entered per File, each with 1 line.

Note: To enable this Programming Mode, **SPEC 258: BEEF LABELLING** must set to **YES** in advance.

1. Program Kind File

1) At Programming Mode, select Kind program mode and then enter new Kind number (**e.g.** 3) programming mode.

   *For edit, enter existing Kind number.

KEY TO PRESS	DISPLAY
4 7 ✕	PROGRAM KIND FILE ENTER: 0 ENTER KIND FILE # AND PRESS PRINT KEY
3 ✳	KIND 000003 PRESET CHAR 1 KEY

2) Enter Kind Name (**e.g.** KIND # A) as the same procedure as Department Name entry and then save the data.

   *If you want to exit without saving, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
LETTER SIZE / 24H MONTH (K) / DP MONTH (I) / MG TERM (N) / ST DAILY (D) / SPACE 3 (#) / SPACE / MG DAILY (A)	KIND 000003 **KIND # A** PRESET CHAR 9 KEY
PLU	PROGRAM KIND FILE ENTER: 0 ENTER KIND FILE # AND PRESS PRINT KEY

2. Delete Kind File

1) At Kind program mode, enter existing Kind Number (**e.g.** 3) to be deleted.

KEY TO PRESS	DISPLAY
3	PROGRAM KIND FILE ENTER: 3 ENTER KIND FILE # AND PRESS PRINT KEY

2) Enter deleting mode.

KEY TO PRESS	DISPLAY
—	DELETE? YES: CLEAR KEY / NO: TARE KEY

3) Delete Kind Number 3.

   *If you want to cancel the deletion, press **[TARE]** key to exit.

KEY TO PRESS	DISPLAY
C	PROGRAM KIND FILE ENTER: 0 ENTER KIND FILE # AND PRESS PRINT KEY

Category File

Category File is used to program Name of the Category for Traceability Information programming and printed on Label or Receipt. Since standard format does not have a print area set for Category, the Category cannot be printed when using these formats. To print Category on the label, it is required to use a Free Format with a Category print area programmed.

Maximum 9999 Categories can be programmed and maximum 16 characters can be entered per File, each with 1 line.

Note: To enable this Programming Mode, **SPEC 258: BEEF LABELLING** must set to **"YES"** in advance.

1. Program Category File

1) At Programming Mode, select Category program mode and then enter new Category number (**e.g.** 3) programming mode.

   *For edit, enter existing Category number.

KEY TO PRESS	DISPLAY
4 8 ✕	PROGRAM CATEGORY ENTER: 0 ENTER CATEGORY FILE # AND PRESS PRINT KEY
3 ✱	CATG 000003 PRESET CHAR 1 KEY

2) Enter Category Data (**e.g.** CATG # A) as the same procedure as Department Name entry and then save the data.

   *If you want to exit without saving, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
48/LETTER SIZE 3/DP DAILY (C) 1/MG DAILY (A) 23/(T) 9/(G) 31/SPACE 35/3 (#) 31/SPACE 1/MG DAILY (A)	CATG 000003 CATG # A PRESET CHAR 9 KEY
PLU	PROGRAM CATEGORY ENTER: 0 ENTER CATEGORY FILE # AND PRESS PRINT KEY

2. Delete Category File

1) At Category program mode, enter existing Category Number (**e.g.** 3) to be deleted.

KEY TO PRESS	DISPLAY
3	PROGRAM CATEGORY ENTER: 3 ENTER CATEGORY FILE # AND PRESS PRINT KEY

2) Enter deleting mode.

KEY TO PRESS	DISPLAY
—	DELETE? YES: CLEAR KEY / NO: TARE KEY

3) Delete Category Number 3.

   *If you want to cancel the deletion, press **[TARE]** key to exit.

KEY TO PRESS	DISPLAY
C	PROGRAM CATEGORY ENTER: 0 ENTER CATEGORY FILE # AND PRESS PRINT KEY

Breed File

Breed File is used to program Name of the Breed for Traceability Information programming and printed on Label or Receipt. Since standard format does not have a print area set for Breed, the Breed cannot be printed when using these formats. To print Breed on the label, it is required to use a Free Format with a Breed print area programmed.

Maximum 9999 Breeds can be programmed and maximum 16 characters can be entered per File, each with 1 line.

Note: To enable this Programming Mode, **SPEC 258: BEEF LABELLING** must set to **"YES"** in advance.

1. Program Breed File

1) At Programming Mode, select Breed program mode and then enter new Breed number (**e.g.** 3) programming mode.

*For edit, enter existing Breed number.

KEY TO PRESS	DISPLAY
4 9 ✗	PROGRAM BREED FILE ENTER: 0 ENTER BREED FILE # AND PRESS PRINT KEY
3 ✳	BREED000003 ▮ PRESET CHAR 1 KEY

2) Enter Breed Data (**e.g.** BREED # A) as the same procedure as Department Name entry and then save the data.

*If you want to exit without saving, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
[48 LETTER SIZE] [2 PLU DAILY / B] [21 24H TERM / R] [5 24H DAILY / E] [5 24H DAILY / E] [4 ST DAILY / D] [31 SPACE] [35 3 / .] [31 SPACE] [1 MG DAILY / A]	BREED000003 **BREED # A**▮ PRESET CHAR 10 KEY
PLU	PROGRAM BREED FILE ENTER: 0 ENTER BREED FILE # AND PRESS PRINT KEY

2. Delete Breed File

1) At Breed program mode, enter existing Breed Number (**e.g.** 3) to be deleted.

KEY TO PRESS	DISPLAY
3	PROGRAM BREED FILE ENTER: 3 ENTER BREED FILE # AND PRESS PRINT KEY

2) Enter deleting mode.

KEY TO PRESS	DISPLAY
—	DELETE? YES: CLEAR KEY / NO: TARE KEY

3) Delete Breed Number 3.

   *If you want to cancel the deletion, press **[TARE]** key to exit.

KEY TO PRESS	DISPLAY
C	PROGRAM BREED FILE ENTER: 0 ENTER BREED FILE # AND PRESS PRINT KEY

Traceability File

'Traceability function is the beef labeling system introduce in **EC countries** to give maximum transparency in the marketing of beef. This file will allow user to pre-program all the traceability information. And call up the information in registration mode just by entering the traceability number. It can also be linked to a PLU in programming mode or Main Group File, up to 9999 traceability records (Traceability #1~9999) can be set.

<u>Traceability Program Files</u>

- **Born Country**

- **Fatten Country**

- **Slaughter House**   • **Slaughter Country**

- **Cutting Hall**   • **Cutting Country**

- **Country of Origin**

- **Reference Number**   • **Reference Number Type**

- **Gtin**

- **Lot Number**

- **Kind**

- **Category**

- **Breed**

- **Contact**

- **Eat By Date (DD/MM/YY)**

- **Maximum Weight**

Note 1: The COUNTRY will be automatically filled if the Cutting Hall chosen has a link to the Country. It can also be set just like the Born/Fatten Country.

Note 2: There are 2 types of Reference Number can be select at **SPEC 272:**

    1) **DATE (SWEDISH):** The reference number is making up from SLAUGHTER HOUSE NUMBER (4 digits), CUTTING HALL NUMBER (4 digits) and DATE (6 digits). Total of 14 digits. The first 8 digits are automatically filled when SLAUGHTER HOUSE field and CUTTING HALL field are entered. The last 6 digits can be entered but must be a valid date.

    2) **CODE (FREE CODE):** Can enter up to 20 alphanumeric characters. Press the box beside the REFERENCE NUMBER and the text entry screen will be displayed.

Label Printing

Label will be printed according to the Free Format setting. If a field is not entered, it will not be printed. If 'Country of Origin' is entered, the 'Born' and 'Fatten' Country will not be printed, only Country of Origin, Slaughter House, Cutting Hall and Reference Number will be printed. Fixed Text (**e.g.** Born In, Slaughter In etc) will be printed before the DATA.

Example of Traceability label:

Note 1: The position of all the fields are set in free format.

Note 2: Spec 260: BEEF LABELLING: PRINT COUNTRY for 'Slaughter House & Cutting Hall Print' either code/name is added recently:

- Slaughter in SWEDEN   no. 0053   (Slaughter House ID)   or
- Slaughter in SWEDEN   EEG6565 (Slaughter House name)

1. Program Traceability File

1) At Programming Mode, select Traceability programming mode and then enter new Traceability number (**e.g.** 3) programming mode.

   *For edit, enter existing Traceability number.

KEY TO PRESS	DISPLAY
3 7 ✖	PROGRAM TRACEABILITY ENTER: 0 ENTER TRACEABILITY # AND PRESS PRINT KEY
3 ✳	TRACEABILITY #0003 ENTER BORN COUNTRY # 0

2) Enter existing Country number for Born Country (**e.g.** 36) and go to next selection.

KEY TO PRESS	DISPLAY
36✳	TRACEABILITY #0003 ENTER FATTEN COUNTRY # 0

3) Enter existing Country number for Fatten Country (**e.g.** 36) and go to next selection.

KEY TO PRESS	DISPLAY
36✳	TRACEABILITY #0003 ENTER SLAUGHTER HOUSE # 0

4) Enter existing Slaughter House number (**e.g.** 53) and go to next selection.

KEY TO PRESS	DISPLAY
53✳	TRACEABILITY #0003 LNK COUNTRY#:0528 ENTER SLAUGHTER HOUSE COUNTRY # 0

5) Enter existing Country number (**e.g.** 36) for Slaughter House Country and go to next selection.
    *Slaughter House Data not print on label if SLAUGHTER COUNTRY # set to 0.

KEY TO PRESS	DISPLAY
36✳	TRACEABILITY #0003 ENTER CUTTING HALL # 0

6) Enter existing Cutting Hall number (**e.g.** 54) and go to next selection.

KEY TO PRESS	DISPLAY
54✳	TRACEABILITY #0003 LNK COUNTRY#:0036 ENTER CUTTING HALL COUNTRY # 0

7) Enter existing Country number (**e.g.** 36) for Cutting Hall Country and go to next selection.

*Cutting Hall Data not print on label if CUTTING COUNTRY # set to 0.

KEY TO PRESS	DISPLAY
3 6 ✳	TRACEABILITY #0003 ENTER COUNTRY OF ORIGIN #　　　　0

8) Enter existing Country number (**e.g.** Not set Country Number) for Country of Origin and go to next selection.

*If Country Origin is set, Country of Born and Fatten will not printed on Label.

KEY TO PRESS	DISPLAY
✳	TRACEABILITY #0003 ENTER REFERENCE DATE　　00530054　　　0

Note: If Spec 272: BEEF REFERENCE NO set to CODE, the display will shown as below. And enter Reference Code as the same procedure as Department Name entry.

DISPLAY		
REF #　0003		PRESET
CHAR　1		KEY

9) Enter Reference Date (**e.g.** 070504 = 07 May 2004) and go to nest selection.

KEY TO PRESS	DISPLAY	
7 0 5 0 4 ✳	GTIN　0003	PRESET
	CHAR　1	KEY

10) Enter GTIN Data (**e.g.** 123456789) as the same procedure as Department Name entry and go to next selection.

* Maximum 14 characters of alphanumeric can be entering and if not necessary to enter Gtin Data, just press **[PRINT]** key go to next step.

KEY TO PRESS	DISPLAY	
1 2 3 4 5 6 7 8 9 ✳	LOT #　0003	PRESET
	CHAR　1	KEY

11) Enter Lot Data (**e.g.** LOT # A) as the same procedure as Department Name entry and go to next selection.

*Maximum 30 characters of alphanumeric can be entering and if not necessary to enter Lot Data, just press **[PRINT]** key go to next step.

KEY TO PRESS	DISPLAY
[48/ LETTER SIZE] [14/ L] [18/ PLU TERM 0] [23/ T] [31/ SPACE] [35/ 3 #] [31/ SPACE] [1/ MG DAILY A]	LOT # 0003 **LOT # A█** PRESET CHAR 9 KEY
[✳]	TRACEABILITY #0003 ENTER KIND FILE 0

12) Enter existing Kind number (**e.g.** 3) and go to next selection.

KEY TO PRESS	DISPLAY
[3] [✳]	TRACEABILITY #0003 ENTER CATEGORY FILE 0

13) Enter existing Category number (**e.g.** 3) and go to next selection.

KEY TO PRESS	DISPLAY
[3] [✳]	TRACEABILITY #0003 ENTER BREED FILE 0

14) Enter existing Breed number (**e.g.** 3) and go to next selection.

KEY TO PRESS	DISPLAY
[3] [✳]	CONTACT 0003 █ PRESET CHAR 1 KEY

15) Enter Contact Data (**e.g.** 123456) as the same procedure as Department Name entry and go to next selection.

*Maximum 10 characters of alphanumeric can be entering and if not necessary to enter Lot Data, just press **[PRINT]** key go to nest step.

KEY TO PRESS	DISPLAY
1 2 3 4 5 6	CONTACT 0003 **123456**■ PRESET CHAR 7 KEY
✱	TRACEABILITY #0003 ENTER: 00 - 00 - 00 ENTER EAT BY DATE IN D-M-Y FMT

16) Enter Eat by Date (**e.g.** 060504 = 6 May 2004) and go to next selection

*The Date format is DD MM YY and if not necessary to enter Eat Date, just press **[PRINT]** key go to nest step.

KEY TO PRESS	DISPLAY
6 0 5 0 4	TRACEABILITY #0003 ENTER: 06 - 05 - 04 ENTER EAT BY DATE IN D-M-Y FMT
✱	TRACEABILITY #0003 ENTER: 0.000 MAXIMUM WEIGHT

17) Enter Maximum Weight data (**e.g.** 50kg).

*Maximum 999.999kg can be entering and if not necessary to enter Maximum Weight, just press **[PLU]** key to save the Traceability programmed.

KEY TO PRESS	DISPLAY
5 0 0 0 0	TRACEABILITY #0003 ENTER: 50.000 MAXIMUM WEIGHT

18) Save the data.

*If you want to exit without saving, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
PLU	PROGRAM TRACEABILITY ENTER: 0 ENTER TRACEABILITY # AND PRESS PRINT KEY

2. Print Traceability File

The Traceability report can be printed on **receipt paper.** You can print a **FULL Report** that includes all programmed Traceability data or print a **Single Report** that only includes one Traceability data.

Single Report Printing

1) At Traceability program mode, enter existing Traceability Number (**e.g.** 3) then print out report

*If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
3	PROGRAM TRACEABILITY ENTER: 3 ENTER TRACEABILITY # AND PRESS PRINT KEY
→T←	PRINTING PROGRAM TRACEABILITY ENTER: 0 ENTER TRACEABILITY # AND PRESS PRINT KEY

Full Report Printing

1) At Traceability program mode print out full report.

*If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
→T←	PRINTING PROGRAM TRACEABILITY ENTER: 0 ENTER TRACEABILITY # AND PRESS PRINT KEY

3. Delete Traceability File

1) At Traceability program mode, enter existing Traceability Number (**e.g.** 3) to be deleted.

KEY TO PRESS	DISPLAY
3	PROGRAM TRACEABILITY ENTER: 3 ENTER TRACEABILITY # AND PRESS PRINT KEY

2) Enter deleting mode.

KEY TO PRESS	DISPLAY
—	DELETE? YES: CLEAR KEY / NO: TARE KEY

3) Delete Traceability Number 3.

   *If you want to cancel the deletion, press **[TARE]** key to exit.

KEY TO PRESS	DISPLAY
C	PROGRAM TRACEABILITY ENTER: 0 ENTER TRACEABILITY # AND PRESS PRINT KEY

Cash Drawer Open

Cash Drawer programming mode is use to open the Cash Drawer to Cash IN or Cash OUT and will issue a report. The report can be printed on **receipt paper**.

1) At Programming Mode, select Cash Drawer programming mode and then enter Cash IN /OUT mode.

KEY TO PRESS	DISPLAY
4 1 ✕	CASH DRAWER ENTER: 0 PRESS PRINT KEY FOR CASH DRAWER
✳	CASH DRAWER CASH IN: 0.00

2) Select Cash OUT mode and then enter Cash Out amount (**e.g.** $500).

   *Press [-] key to toggle Cash IN or Cash OUT mode and Maximum 9999.99 can be entering.

KEY TO PRESS	DISPLAY
− 5 0 0 0 0	CASH DRAWER CASH OUT: 500.00

3) Open Cash Drawer and the report will issue out.

KEY TO PRESS	DISPLAY
✳	# PRINTING
	CASH DRAWER ENTER: 0 PRESS PRINT KEY FOR CASH DRAWER

Price Change

Price Change programmed is used to program new unit price for the PLU in a batch file. Once a batch file is executed, new unit price for all PLU in this batch file will update to the PLU's file. Up to 20 Batches (1~20) can be programmed and each batch file can enter maximum 50 PLU's.

1. Program Price Change Batch File

1) At Programming Mode, select Price Change programming mode and then enter new Batch number (**e.g.** 3) programming mode.

   *For edit, enter existing Batch number.

KEY TO PRESS	DISPLAY
2 2 ✕	PRICE CHANGE PROGRAMMING ENTER: 0 ENTER BATCH #(1-20) & PRESS PRT KEY
3 ✳	PCHN.BAT #03 USED#00 ENTER: 0 ENTER PLU # AND PRESS PRINT KEY

2) Enter existing PLU Number (PLU # 10) and go to next selection.

KEY TO PRESS	DISPLAY
1 0 ✳	PCHN.BAT #03 PLU#000010 ENTER: 0.00 ENTER NEW PRICE & PRESS PRINT KEY

3) Enter new Price for PLU # 10 (**e.g.** $0.95).

   *If leave the New Price at 0.00, Unit Price of the item will change to 0.00 when execute the price changes function.

KEY TO PRESS	DISPLAY
9 5 ✳	PCHN.BAT #03 USED#01 ENTER: 0 ENTER PLU # AND PRESS PRINT KEY

Note: If you want to delete a PLU file (**e.g.** PLU# 10) in Price Change Batch # 01, follow the procedure as below.

a) Enter the existing PLU Number you want to be deleted (**e.g.** 10) and delete it.

*After deleted a PLU, the message of USED value will change from "USED# 01" to "USED#00".

KEY TO PRESS	DISPLAY
1 0	PCHN.BAT #03 USED#01 ENTER: 10 ENTER PLU # AND PRESS PRINT KEY
—	PCHN.BAT #03 USED#00 ENTER: 0 ENTER PLU # AND PRESS PRINT KEY

4) Repeat above steps to program New Unit Price for others PLU's Number if necessary. If not, save it and go to next selection.

KEY TO PRESS	DISPLAY
PLU	PCHN.BAT #03 EXECUTE BATCH? YES: CLEAR KEY / NO: TARE KEY

5) Save and exit without execute the batch # 1.

*If you want to execute Price Change form the batch # 03, press **[CLEAR]** key and Batch # 03 will clear after executed.

KEY TO PRESS	DISPLAY
→T←	PRICE CHANGE PROGRAMMING ENTER: 0 ENTER BATCH #(1-20) & PRESS PRT KEY

2. Execute Batch File

1) At Price Change programming mode, enter existing Batch number (**e.g.** 3) programming mode.

KEY TO PRESS	DISPLAY
3	PRICE CHANGE PROGRAMMING ENTER: 3 ENTER BATCH #(1-20) & PRESS PRT KEY
✳	PCHN.BAT #03 USED#01 ENTER: 0 ENTER PLU # AND PRESS PRINT KEY

2) Enter Execute selection mode.

KEY TO PRESS	DISPLAY
PLU	PCHN.BAT #03 EXECUTE BATCH? YES: CLEAR KEY / NO: TARE KEY

3) To execute Price Change form the batch # 3.

   * To escape, press **[TARE]** key.

KEY TO PRESS	DISPLAY
C	# EXECUTING BATCH
	PRICE CHANGE PROGRAMMING ENTER: 0 ENTER BATCH #(1-20) & PRESS PRT KEY

Note: The Batch Number 3 will automatically clear after executed and the new Unit Price will update to the PLU's File.

3. Delete Price Change Batch File

1) At Price Change programming mode, enter existing Batch Number (**e.g.** 3) to be deleted.

KEY TO PRESS	DISPLAY
3	PRICE CHANGE PROGRAMMING ENTER: 3 ENTER BATCH #(1-20) & PRESS PRT KEY

2) Enter deleting mode.

KEY TO PRESS	DISPLAY
—	DELETE? YES: CLEAR KEY / NO: TARE KEY

3) Delete Batch Number 3.

   *If you want to cancel the deletion, press **[TARE]** key to exit.

KEY TO PRESS	DISPLAY
C	PRICE CHANGE PROGRAMMING ENTER: 0 ENTER BATCH #(1-20) & PRESS PRT KEY

Special Price Schedule Files

Special Price schedule is used to program Special unit price for the items at the batch file. When called up the items at Registration Mode, the original unit price of the item wills temporarily changes to special unit price are programmable in batch files. Up to 50 Batches (1~50) can be programmed and each batch file can enter maximum 50 PLU's.

Special Price schedule setting is available by setting the following items in each batch number.

  (1) START DATE/TIME of the set special price

  (2) END DATE/TIME of the set special price

  (3) DISCOUNT DAY OF THE WEEK to select special price for the day of the week.

1. Program Special Price Batch File

1) At Programming Mode, select Special Price Change programming mode and then enter new Batch number (**e.g.** 3) programming mode.

  *For edit, enter existing Batch number.

KEY TO PRESS	DISPLAY
2 4 ✖	SPECIAL PRICE CHANGE ENTER: 0 ENTER BATCH #(1-50) & PRESS PRT KEY
3 ✳	SPCHN.BAT #03 ENTER: 00 - 00 - 00 ENTER START DATE IN D-M-Y & PRESS PRT KEY

2) Enter Start Date (**e.g.** 070504 = 07 May 2004) and go to next selection.

KEY TO PRESS	DISPLAY
7 0 5 0 4	SPCHN.BAT #03 ENTER: 07 - 05 - 04 ENTER START DATE IN D-M-Y & PRESS PRT KEY
✳	SPCHN.BAT #03 ENTER: 00 : 00 ENTER START TIME & PRESS PRT KEY

3) Enter Start Time (**e.g.** 1100 = 11:00 AM) and go to next selection.

*Special Price Time type is depending on **SPEC 176: DISCOUNT TIME ON DAILY BASIS** setting.

KEY TO PRESS	DISPLAY
1 1 0 0 ✳	SPCHN.BAT #03 ENTER: 00 - 00 - 00 ENTER END DATE IN D-M-Y & PRESS PRT KEY

4) Enter End Date (**e.g.** 070604 = 07 June 2004) and go to next selection.

KEY TO PRESS	DISPLAY
7 0 6 0 4 ✳	SPCHN.BAT #03 ENTER: 00 : 00 ENTER END TIME & PRESS PRT KEY

5) Enter End Time (**e.g.** 1300 = 13:00 PM) and go to next selection.

KEY TO PRESS	DISPLAY
1 3 0 0 ✳	SPCHN.BAT #03 ENTER: 0000000 SELECT DAY (1=YES, 0=NO) SMTWTFS

6) Select DAY for Special Price you want. (**e.g.** Discount available on Monday and Friday only) and go to next selection.

KEY TO PRESS	DISPLAY
1 0 0 0 1 0	SPCHN.BAT #03 ENTER: 0100010 SELECT DAY (1=YES, 0=NO) SMTWTFS
✳	SPCHN.BAT #03 ENTER: 0 SUSPEND BATCH? YES: 1 KEY / NO: 0 KEY

7) Select NO SUSPEND Batch File.

*Press **[1] [PRINT]** key to Suspend Batch # 03.

KEY TO PRESS	DISPLAY
✳	SPCHN.BAT #03 USED#00 ENTER: 0 ENTER PLU # AND PRESS PRINT KEY

8) Enter existing PLU Number (**e.g.** PLU # 10) and go to next selection.

KEY TO PRESS	DISPLAY
1 0 ✳	SPCHN.BAT #03 PLU#000010 ENTER: 0.00 ENTER SPECIAL PRICE & PRESS PRINT KEY

9) Enter Special Price for PLU Number 10 (**e.g.** $0.95) and save.

KEY TO PRESS	DISPLAY
9 5 ✳	SPCHN.BAT #03 USED#01 ENTER: 0 ENTER PLU # AND PRESS PRINT KEY

Note: If you want to delete a PLU file (**e.g.** PLU# 10) in Special Price Change Batch # 01, follow the procedure as below.

a) Enter the existing PLU Number you want to be deleted (**e.g.** 10) and then delete it.

*After deleted a PLU, the message of USED value will change from "USED# 01" to "USED#00".

KEY TO PRESS	DISPLAY
1 0	SPCHN.BAT #03 USED#01 ENTER: 10 ENTER PLU # AND PRESS PRINT KEY
✳	SPCHN.BAT #03 USED#00 ENTER: 0 ENTER PLU # AND PRESS PRINT KEY

10) Repeat above steps to program Special Price for others PLU's Number if necessary. If not, save it and return to Special Price Change Program Mode.

KEY TO PRESS	DISPLAY
PLU	SPECIAL PRICE CHANGE ENTER: 0 ENTER BATCH #(1-50) & PRESS PRT KEY

2. Enable or Disable Special Price Schedule

1) At Special Price Change programming mode and then enter existing Batch number (**e.g.** 3) programming mode and then go to Suspend Batch selection mode.

KEY TO PRESS	DISPLAY
3 ✱	SPCHN.BAT #03 ENTER: 07 - 05 - 04 ENTER START DATE IN D-M-Y & PRESS PRT KEY
✱ ✱ ✱ ✱ ✱	SPCHN.BAT #03 ENTER: 0 SUSPEND BATCH? YES: 1 KEY / NO: 0 KEY

2) ENABLE the special prices schedule for the batch number 3.

   *To DISABLE the Special Price Change, press **[0]** key follow by **[PRINT]** key.

KEY TO PRESS	DISPLAY
1	SPCHN.BAT #03 ENTER: 1 SUSPEND BATCH? YES: 1 KEY / NO: 0 KEY
✱	SPCHN.BAT #03 USED#01 ENTER: 0 ENTER PLU # AND PRESS PRINT KEY

3) Return to Special Price programming mode.

KEY TO PRESS	DISPLAY
PLU	SPECIAL PRICE CHANGE ENTER: 0 ENTER BATCH #(1-50) & PRESS PRT KEY

3. Delete Special Price Batch File

1) At Special Price Change programming mode, enter existing Batch Number (**e.g.** 3) to be deleted.

KEY TO PRESS	DISPLAY
3	SPECIAL PRICE CHANGE ENTER: 3 ENTER BATCH #(1-50) & PRESS PRT KEY

2) Enter deleting mode.

KEY TO PRESS	DISPLAY
—	DELETE? YES: CLEAR KEY / NO: TARE KEY

3) Delete Batch Number 3.

   *If you want to cancel the deletion, press **[TARE]** key to exit.

KEY TO PRESS	DISPLAY
C	SPECIAL PRICE CHANGE ENTER: 0 ENTER BATCH #(1-50) & PRESS PRT KEY

Scroll Message File

Scroll message is sales promotional message that can be displayed on SM-720 LCD display. Maximum 100 characters can be programmed for each scroll message and up to 9-scroll message data (Message # 1 ~ 9) are available in scroll message file.

1. Program Scroll Message File

1) At Programming Mode, select Scrolling Message programming mode and then enter new Scroll Message number (**e.g.** 1) programming mode.

   *For edit, enter existing Scroll Message Number.

KEY TO PRESS	DISPLAY
1 3 ✕	PROGRAM SCROLLING MESSAGE ENTER: 0 ENTER SCROLLING MSG # AND PRESS PRINT KEY
1 ✱	SCROLL MSG #1 PRESET CHAR 1 KEY

2) Enter Scroll Message (**e.g.** WELCOME TO DIGI STORE) as the same procedure as Department Name entry and then save the data.

   *If you want to exit without saving, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
(letter size / 24H DAILY / DP DAILY / PLU TERM keys) ●●●●●●●●●●●●●●●●	SCROLL MSG #1 TO DIGI STORE PRESET CHAR 22 KEY

3) Save the data.

   *If you want to exit without saving, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
PLU	PROGRAM SCROLLING MESSAGE ENTER: 0 ENTER SCROLLING MSG # AND PRESS PRINT KEY

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2. Print Scroll Message File

The following operation is used for checking Scroll Message Data programmed. The report is printed on **receipt paper** and there are two different print types, **Full report** & **Single report**. The Full report includes all the programmed data, and the single report only includes one data

Single Report Printing

1) At Scrolling Message program mode, enter existing Scroll Message Number (**e.g.** 3) then print out report

   *If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
3	PROGRAM SCROLLING MESSAGE ENTER: 3 ENTER SCROLLING MSG # AND PRESS PRINT KEY
→T←	PRINTING PROGRAM SCROLLING MESSAGE ENTER: 0 ENTER SCROLLING MSG # AND PRESS PRINT KEY

Full Report Printing

1) At Scrolling Message program mode print out full report.

   *If you want to stop printing, press **[FEED]** key.

KEY TO PRESS	DISPLAY
→T←	PRINTING PROGRAM SCROLLING MESSAGE ENTER: 0 ENTER SCROLLING MSG # AND PRESS PRINT KEY

3. Delete Scroll Message File

When the Scroll message number to be deleted is linked to Scroll Sequence, it can't be deleted.

1) At Scrolling Message program mode, enter existing Scroll Message Number (**e.g.** 3) to be deleted.

KEY TO PRESS	DISPLAY
3	PROGRAM SCROLLING MESSAGE　　ENTER:　　3 ENTER SCROLLING MSG # AND PRESS PRINT KEY

2) Enter deleting mode.

KEY TO PRESS	DISPLAY
−	DELETE? YES:　CLEAR KEY　　/ NO:　TARE KEY

3) Delete Scroll Message Number 3.

　*If you want to cancel the deletion, press **[TARE]** key to exit.

KEY TO PRESS	DISPLAY
C	PROGRAM SCROLLING MESSAGE　　ENTER:　　0 ENTER SCROLLING MSG # AND PRESS PRINT KEY

Scroll Sequence File

Scroll Sequence is used to program the scroll method of scroll message for **SM-720 Large Colour LCD** display only (For SM-720 Small Colour LCD, please refer to LCD Display File of SM-720 Small Colour LCD) Scroll Sequence # 1 to # 99 is available. Each scroll sequence consists of up to three kinds of Messages, Color and Duration. Scroll Sequence means the scroll display order and display appearance of the programmed scroll message.

1. Program Scroll Sequence File

1) At Programming Mode, select Scrolling Sequence programming mode and then enter new Scroll Sequence number (**e.g.** 1) programming mode.

   *For edit, enter existing Scroll Sequence Number.

KEY TO PRESS	DISPLAY
1 4 ✖	SCROLL SEQUENCE PROGRAMMING ENTER: 0 ENTER SCROLL SEQUENCE # & PRESS PRINT KEY
1 ✳	SEQUENCE #01 ENTER 3 LINES MESSAGES 1ST = MSG #0 2ND = MSG #0 3RD = MSG #0

2) Enter existing Scrolling Message Number (**e.g.** 1, 2 & 3) and then go to next selection.

KEY TO PRESS	DISPLAY
1 2 3	SEQUENCE #01 ENTER 3 LINES MESSAGES 1ST = MSG #1 2ND = MSG #2 3RD = MSG #3
✳	SEQUENCE #01 ENTER SCROLLING PATTERN (0-2) MSG#1 STATIC MSG#2 STATIC MSG#3 STATIC

3) Select Scrolling pattern for each scrolling message (**e.g.** MSG # 1= 2, MSG # 2 = 1 & MSG # 3 = 0).
   *There are 3 patterns can be set: **[0]**– STATIC, **[1]**– SCROLL & **[2]**– BLINKING.

KEY TO PRESS	DISPLAY
2 1 0	SEQUENCE #01 ENTER SCROLLING PATTERN (0-2) MSG#1 BLINKING MSG#2 SCROLL MSG#3 STATIC

4) Go to next selection.

KEY TO PRESS	DISPLAY
✳	SEQUENCE #01 SELECT COLOR (0-15) USE << >> TO CHANGE NORMAL 0: NO COLOR

Note: Number of characters showed on SM500 Large Color LCD Display by scrolling pattern is described as below:

Scroll: Max.100 characters (The programmed message shows up on SM-720 Large Color LCD display, then scrolls from the right end to the left end)

Blinking: Max. 22 characters (The programmed message shows up on SM-720 Large Color LCD display and blinks without scrolling)

Static: Max. 22 characters (The programmed message shows up on SM-720 Large Color LCD display without scrolling).

5) Select color for Scroll Sequence Number 1 (**e.g.** NORMAL 2: GREEN) by press Preset Key Number 7 or Number 8 and then go to next selection.

KEY TO PRESS	DISPLAY
8/PPK DP >> 8/PPK DP >>	SEQUENCE #01 SELECT COLOR (0-15) USE << >> TO CHANGE NORMAL 2: GREEN
✳	SEQUENCE #01 ENTER DISP DURATION O0

Note: Select COLOR by press Preset Key Number 7 or Number 8 to search as below:

0: NO COLOR (NORMAL)	6: BLUE + GREEN (NORMAL)	12: BLUE (INVERT)
1: RED (NORMAL)	7: WHITE (NORMAL)	13: RED+BLUE (INVERT)
2: GREEN (NORMAL)	8: NO COLOR (INVERT)	14: BLUE-GREEN (INVERT)
3: RED + GREEN (NORMAL)	9: RED (INVERT)	15: WHITE (INVERT)
4: BLUE (NORMAL)	10: GREEN (INVERT)	
5: RED + BLUE (NORMAL)	11: RED+GREEN (INVERT)	

6) Enter Duration (**e.g.** 60) and save the Sequence Number 1.

*If you want to exit without saving, press **[CHANGE]** key follow by [**CLEAR]** key.

KEY TO PRESS	DISPLAY
6 0 PLU	SCROLL SEQUENCE PROGRAMMING ENTER: 0 ENTER SCROLL SEQUENCE # & PRESS PRINT KEY

2. Enable or Disable Scroll Sequence File

This function is used to enable (or disable) the programmed Scroll Message data by Scroll Sequence Number shows on the **SM-720 Large Color LCD Display** in Registration Mode when scale in idle time. The Scale will display all the messages start from 1st sequence number. The Scrolling Pattern and Color will follow Scroll Sequence Number setting.

1) At Scroll Sequence programming Mode, enter Scroll Sequence Number you want (**e.g.** 1).

KEY TO PRESS	DISPLAY
1	SCROLL SEQUENCE PROGRAMMING ENTER: 1 ENTER SCROLL SEQUENCE # & PRESS PRINT KEY

2) **ENABLE** Scrolling Message show on LCD Display.

 *The Scroll Message will start shown on display when back to Registration Mode (Press **[MODE] [MODE] [MODE]** keys to exit from programming mode).

KEY TO PRESS	DISPLAY
PLU	SCROLL SEQUENCE PROGRAMMING ENTER: 1 ENTER SCROLL SEQUENCE # & PRESS PRINT KEY

3) To **DISABLE** Scrolling Message shown on Registration Mode.

KEY TO PRESS	DISPLAY
0 PLU	SCROLL SEQUENCE PROGRAMMING ENTER: 0 ENTER SCROLL SEQUENCE # & PRESS PRINT KEY

 Note: Scrolling Message will auto Disable when ENABLE Program LCD Display (Images).

 *Please refer to Enable LCD Display File.

3. Delete Scroll Sequence Number

When Scroll Sequence been Enable, Scroll Sequence Number 1 can't be deleted.

1) At Scroll Sequence programming mode, enter existing Scroll Sequence Number (**e.g.** 3) to be deleted.

KEY TO PRESS	DISPLAY
3	SCROLL SEQUENCE PROGRAMMING ENTER: 3 ENTER SCROLL SEQUENCE # & PRESS PRINT KEY

2) Enter deleting mode.

KEY TO PRESS	DISPLAY
−	DELETE? YES: CLEAR KEY / NO: TARE KEY

3) Delete Scroll Sequence Number 3.

   *If you want to cancel the deletion, press **[TARE]** key to exit.

KEY TO PRESS	DISPLAY
C	SCROLL SEQUENCE PROGRAMMING ENTER: 0 ENTER SCROLL SEQUENCE # & PRESS PRINT KEY

Note: After Scroll Sequence Number 3 been delete, the existing Scroll Sequence Number above 3 will auto disable display on Registration Mode.

Nutrition File

To print Nutrition template in label, user must create new free format with area image, and create PLU Nutrition link to the free format. Nutrition on PLU Programming set to "YES",
Refer to PLU Programming:

Nutrition Entry

1) At Nutrition entry on PLU Programming,

KEY TO PRESS	DISPLAY
	PROGRAM PLU: 000008 ENTER: 0 NUTRITION? YES: 1 KEY / NO: 0 KEY

2) To entry Nutrition data press **[1]** key, follow with **[PRINT]** key.

KEY TO PRESS	DISPLAY
1	PROGRAM PLU: 000008 ENTER: 1 NUTRITION? YES: 1 KEY / NO: 0 KEY
✳	SERVING SIZE PRESET CHAR 01 KEY

3) Enter Serving Size (**e.g.** SERVING S12R MMM MM) follow press **[ENTER]** key

   *If you want to exit without saving, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
(keypad keys)	SERVING SIZE **12R MMM MM** PRESET CHAR 21 KEY
✳	SERVING /CONT PRESET CHAR 01 KEY

4) Enter Serving /Cont (**e.g.** CONTAINER) follow press **[ENTER]** key

*If you want to exit without saving, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY	
[key images]	SERVING/CONT **CONTAINER**█ PRESET CHAR 21 KEY	
[✳ key]	PROGRAM PLU: ENTER: 0 ENTER CALORIES, PRESS PRINT KEY	

5) Enter Calories value (**e.g.** 3) follow press **[ENTER]** key

KEY TO PRESS	DISPLAY
[3] [✳]	PROGRAM PLU: ENTER: 3 ENTER CALORIES, PRESS PRINT KEY

Note: Continues all statements to entry value of Fat, Cholesterol, Vitamin, Carbohydrate and etc.

Nutrition Template

To select Nutrition Template refer to Spec 192 "NUTRITION TEMPLATE".

0: STANDARD	IMAGE # 90
1: SIMPLIFIED	IMAGE # 91
2: SIMPLIFIED CONDENSED	IMAGE # 92
3: STANDARD CONDENSED	IMAGE # 93
4: TABULATED	IMAGE # 94
5: TABULATED EXTRA CONDENSED	IMAGE # 95
6: SIMPLIFIED CONDENSED 2	IMAGE # 96
7: TABULATED EXTRA CONDENSED 2	IMAGE # 97

Note: Template has set on Spec 192 can change on Nutrition entry at PLU programming. And the template has available only for that PLU

0: Standard

1: Simplify

All new PLU with Nutrition setting will a default to Simplify Nutrition Template.

2: Simplify Condensed

All new PLU with Nutrition setting will a default to Simplify Condensed Nutrition Template.

Nutrition Facts

Serving Size   SERVING SIZR MMM MM
Servings Per Container CONTAINER

Amount Per Serving

Calories 234   Calories from Fat 345

% Daily Value*

Total Fat 12.34g		**12%**
Saturated Fat 23.45g		**23%**
Trans Fat 12.34g		
Cholesterol 34.56mg		**34%**
Sodium 4.567mg		**45%**
Total Carbohydrate 5.678g		**56%**
Dietary Fiber 67.89g		**78%**
Sugars 8.901g		
Protein 7.890g		

Vitamin A 901% ● Vitamin C 123%
Calcium 234% ● Iron 345%

* Percent Daily Values are based on a 2,000 calorie diet. Your daily values may be higher or lower depending on your calorie needs:

	Calories:	2,000	2,500
Total Fat	Less than	65g	80g
Sat Fat	Less than	20g	25g
Cholesterol	Less than	300mg	300mg
Sodium	Less than	2,400mg	2,400mg
Total Carbohydrate		300g	375g
Dietary Fiber		25g	30g

Calories per gram:
Fat 9 ● Carbohydrate 4 ● Protein 4

STANDARD   NUTRITION TEMPLATE
IMAGE 90

Nutrition Facts

Serving Size   SERVING SIZR MMM MM
Servings Per Container   CONTAINER

Amount Per Serving

Calories 234   Calories from Fat 345

% Daily Value*

Total Fat 12.34g		**12%**
Saturated Fat 23.45g		**23%**
Trans Fat 12.34g		
Cholesterol 34.56mg		**34%**
Sodium 4.567mg		**45%**
Total Carbohydrate 5.678g		**56%**
Dietary Fiber 67.89g		**78%**
Sugars 8.901g		
Protein 7.890g		

Vitamin A 901% ● Vitamin C 123%
Calcium 234% ● Iron 345%

* Percent Daily Values are based on a 2,000 calorie diet.

SIMPLIFY   NUTRITION TEMPLATE
IMAGE 91

Nutrition Facts

Serv. Size SERVING SIZR MMM MM
Servings CONTAINER

Amount Per Serving

Calories 234   Fat Cal. 345

% DV*

Total Fat 12.34g		**12%**
Sat. Fat 23.45g		**23%**
Trans Fat 12.34g		
Cholest.34.56mg		**34%**
Sodium 4.567mg		**45%**
Total Carb. 5.678g		**56%**
Fiber 67.89g		**78%**
Sugars 8.901g		
Protein 7.890g		

Vitamin A 901%● Vitamin C 123%
Calcium 234%● Iron 345%

* Percent Daily Values (DV) are based on a 2,000 calorie diet.

SIMPLIFY   CONDENSED
IMAGE 92

3: Standard Condensed

All new PLU with Nutrition setting will a default to Standard Condensed Nutrition Template.

Nutrition Facts
Serv. Size	SERVING SIZR MMM MM	
Servings	CONTAINER	

Amount Per Serving

Calories 234	**Fat Cal.** 345

		% DV*
Total Fat	12.34g	**12%**
Sat. Fat	23.45g	**23%**
Trans Fat	12.34g	
Cholest.	34.56mg	**34%**
Sodium	4.567mg	**45%**
Total Carb.	5.678g	**56%**
Fiber	67.89g	**78%**
Sugars	8.901g	
Protein	7.890g	

Vitamin A	901%	Vitamin C	123%
Calcium	234%	Iron	345%

* Percent Daily Values (DV) are based on a 2,000 calorie diet. daily values may be higher or lower depending on your calorie needs:

		Calories: 2,000	2,500
Total Fat	Less than	65g	80g
Sat Fat	Less than	20g	25g
Cholest.	Less than	300mg	300mg
Sodium	Less than	2,400mg	2,400mg
Total Carb.		300g	375g
Dietary Fiber		25g	30g

Calories per gram:
Fat • Carbohydrate • Protein

STANDARD CONDENSED
IMAGE 93

4: Tabulated

All new PLU with Nutrition setting will a default to Tabulated Nutrition Template.

TABULATED NUTRITION TEMPLATE
IMAGE 94

5: Tabulated Extra Condensed

All new PLU with Nutrition setting will a default to Tabulated Nutrition Template.

TABULATED EXTRA CONDENSED
IMAGE 95

6: Simplified Condensed 2 All new PLU with Nutrition setting will a default to Standard Condensed Nutrition Template.	7: Tabulated Extra Condensed 2 All new PLU with Nutrition setting will a default to Tabulated Nutrition Template.	

6: Simplified Condensed 2

Nutrition Facts
Serv. Size SERVING SIZR MM
Serv./Container CONTAINER

Amount per Serving

Cal. 234   Fat Cal. 345

% Daily Values*

Total Fat 12. 34g   12%
  Sat. Fat 23. 45g   23%
  Trans Fat 12. 34g
Cholest. 34. 56mg   34%
Sodium 4. 567mg   45%
Total Carb. 5. 678g   56%
Protein   7. 890g

Vit. B6   901%   Zinc   234%
Vit. B12 123%   Iron   345%

*Percent Daily Values based on a 2,000 calorie diet. Not a significant source of fibers, sugar, viatmin A, vitamin C, calcium.

SIMPLIFY   CONDENSED 2
IMAGE 96

7: Tabulated Extra Condensed 2

Nutrition Facts
Serv. Size SERVING
Serv/Cntnr CONTAI
Calories 234
  Fat Cal 345
*Percent Daily Values are based on a 2,000 Calorie Diet.

Amt/Serving	%DV*	Amt/Serving	%DV*
Total Fat 12. 34g	12%	Total Carb 5. 678g	56%
Sat. Fat 23. 45g	23%	Fiber 67. 89g	78%
Trans Fat 12. 34g		Sugars 8. 901g	
Cholest. 34. 56mg	34%	Protein 7. 890g	
Sodium 4. 567mg	45%		
Vitamin B6	901%	♦ Vitamin B12	123%
Niacin	678%	♦ Iron	345%

TABULATED EXTRA CONDENSED 2
IMAGE 97

SAFE HANDLING INSTRUCTIONS
THIS PRODUCT WAS PREPARED FROM INSPECTED AND PASSED MEAT AND/OR POULTRY. SOME FOOD PRODUCTS MAY CONTAIN BACTERIA THAT COULD CAUSE ILLNESS IF THE PRODUCT IS MISHANDLED OR COOKED IMPROPERLY. FOR YOUR PROTECTION, FOLLOW THESE SAFE HANDLING INSTRUCTIONS!

KEEP REFRIGERATED OR FROZEN. THAW IN REFRIGERATOR OR MICROWAVE

KEEP MEAT AND POULTRY SEPERATE FROM OTHER FOODS. WASH WORKING SURFACES (INCLUDING CUTTING BOARDS), UTENSILS, AND HANDS AFTER TOUCHING RAW MEAT OR POULTRY

COOK THOROUGHLY

KEEP HOT FOODS HOT. REFRIGERATE LEFTOVERS IMMEDIATELY OR DISCARD

IMAGE 98

SAFE HANDLING INSTRUCTIONS
THIS PRODUCT WAS PREPARED FROM INSPECTED AND PASSED MEAT AND/OR POULTRY. SOME FOOD PRODUCTS MAY CONTAIN BACTERIA THAT COULD CAUSE ILLNESS IF THE PRODUCT IS MISHANDLED OR COOKED IMPROPERLY. FOR YOUR PROTECTION, FOLLOW THESE SAFE HANDLING INSTRUCTIONS!

KEEP REFRIGERATED OR FROZEN. THAW IN REFRIGERATOR OR MICROWAVE

KEEP MEAT AND POULTRY SEPERATE FROM OTHER FOODS. WASH WORKING SURFACES (INCLUDING CUTTING BOARDS), UTENSILS, AND HANDS AFTER TOUCHING RAW MEAT OR POULTRY

COOK THOROUGHLY

KEEP HOT FOODS HOT. REFRIGERATE LEFTOVERS IMMEDIATELY OR DISCARD

IMAGE 99

Note: To orientation the nutrition template set on SPEC31 "NUTRITION ORIENTATION"

LCD Setting File

LCD Setting file is used to program different color or invert mode in different Modes for **SM-720 Large Color LCD** and **SM-720 Small Color LCD display**. LCD SETTING # 1 to # 99 is available.
Each LCD Setting Number consists as below;

- Color of R Mode (Without PLU).

- Color of R Mode (With PLU).

- Color Change for PLU Discount, there are 4 colors and 2 breakpoints can be set:

    - R MD (–VE WT): Color at Negative Weight.

    - R MODE COLOR 1: Color below breakpoint 1.

    - R MODE COLOR 2: Color between breakpoint 1 and breakpoint 2.

    - R MODE COLOR 3: Color above breakpoint 2.

- Suppression of Tare, Weight, Unit Price & Total Price display.

- Display Discount Price.

- Color of Sub Total Mode.

- Color of Change Mode.

- Color of S Mode.

- Color of X Mode.

- Color of Z Mode.

- Color of Password Mode.

- Color of Error Message.

- Default Color.

1. Program LCD Setting File

1) At Programming Mode, select Program LCD Setting mode and then enter new LCD Setting number (**e.g.** 1) programming mode.

*For edit, enter existing LCD Setting Number.

KEY TO PRESS	DISPLAY
4 2 ✖	PROGRAM LCD SETTING ENTER: 0 ENTER LCD SETTING # AND PRESS PRINT KEY
1 ✳	ROGRAM LCD SETTING 000001 ENTER: 7 R MD(NO PLU) COLOR NORMAL 7: WHITE

2) Select Color for R MODE (NO PLU) by entering the Color Number or press Preset Key Number 7 or Preset Key Number 8 key to search the color you want. (**e.g.** "NORMAL 2:GREEN" by press Preset Key Number 7).

KEY TO PRESS	DISPLAY
[CLERK][CLERK][CLERK][CLERK][CLERK]	PROGRAM LCD SETTING 000001 ENTER:　　2 R MD(NO PLU) COLOR NORMAL 2: GREEN

Note: Select COLOR by press Numeric keys or press Preset Key Number 7 or Preset Key Number 8 key to search as below:

0: NO COLOR (NORMAL)	6: BLUE + GREEN (NORMAL)	12: BLUE (INVERT)
1: RED (NORMAL)	7: WHITE (NORMAL)	13: RED+BLUE (INVERT)
2: GREEN (NORMAL)	8: NO COLOR (INVERT)	14: BLUE-GREEN (INVERT)
3: RED + GREEN (NORMAL)	9: RED (INVERT)	15: WHITE (INVERT)
4: BLUE (NORMAL)	10: GREEN (INVERT)	
5: RED + BLUE (NORMAL)	11: RED+GREEN (INVERT)	

3) Save the data and go to next selection.

*Press **[-]** key back to previous step.

KEY TO PRESS	DISPLAY
[*]	PROGRAM LCD SETTING 000001 ENTER:　　7 R MODE (PLU) COLOR NORMAL 7: WHITE

4) Select Color for R MODE (PLU) as same as R MODE (NO PLU) setting (**e.g.** NORMAL 3: RED + GREEN by enter Color Number) and then save & go to next selection.

KEY TO PRESS	DISPLAY
[3]	PROGRAM LCD SETTING 000001 ENTER:　　3 R MODE (PLU) COLOR　 NORMAL 3: RED + GREEN
[*]	PROGRAM LCD SETTING 000001 ENTER:　　0 COLOR CHANGE IN PLU DISCOUNT ? 0=NO　1=YES

5) Select Color change for PLU Discount.

*If not necessary to change the color showing on display for Discount Item, press **[PRINT]** key go to next selection (Suppression of Tare Display).

KEY TO PRESS	DISPLAY
1	PROGRAM LCD SETTING 000001 ENTER: 1 COLOR CHANGE IN PLU DISCOUNT ? 0=NO 1=YES
*	PROGRAM LCD SETTING 000001 ENTER: 7 R MODE (-VE WT) NORMAL 7: WHITE

6) Select Color for R MODE (-VE WT) for PLU Discount as same as R MODE (NO PLU) setting (**e.g.** NORMAL 1: RED by enter Color Number) and then save & go to next selection.

KEY TO PRESS	DISPLAY
1	PROGRAM LCD SETTING 000001 ENTER: 7 R MODE (-VE WT) NORMAL 1: RED
*	PROGRAM LCD SETTING 000001 ENTER: 7 R MODE COLOR 1 NORMAL 7: WHITE

7) Select Color for R MODE COLOR 1 for PLU Discount as same as R MODE (NO PLU) setting (**e.g.** NORMAL 4: BLUE by enter Color Number) and then save & go to next selection.

KEY TO PRESS	DISPLAY
4 *	PROGRAM LCD SETTING 000001 ENTER: 7 R MODE COLOR 2 NORMAL 7: WHITE

8) Select Color for R MODE COLOR 2 for PLU Discount as same as R MODE (NO PLU) setting (**e.g.** NORMAL 5: RED + BLUE by enter Color Number) and then save & go to next selection.

KEY TO PRESS	DISPLAY
5 *	PROGRAM LCD SETTING 000001 ENTER: 7 R MODE COLOR 3 NORMAL 7: WHITE

9) Select Color for R MODE COLOR 3 for PLU Discount as same as R MODE (NO PLU) setting (**e.g.** NORMAL 6: BLUE + GREEN by enter Color Number) and then save & go to next selection.

KEY TO PRESS	DISPLAY
6 **✳**	PROGRAM LCD SETTING 000001 ENTER: 0 SUPPRESSION OF TARE DISPLAY 0=NO 1=YES

10) Select Tare Display.

   *If you want to MASK Tare Display on Registration Mode, press **[1][PRINT]** key.

KEY TO PRESS	DISPLAY
✳	PROGRAM LCD SETTING 000001 ENTER: 0 SUPPRESSION OF WEIGHT DISPLAY 0=NO 1=YES

11) Select Weight Display.

   *If you want to MASK Weight Display on Registration Mode, press **[1][PRINT]** key.

KEY TO PRESS	DISPLAY
✳	PROGRAM LCD SETTING 000001 ENTER: 0 SUPPRESSION OF U PRICE DISPLAY 0=NO 1=YES

12) Select Unit Price Display.

   *If you want to MASK Unit Price Display on Registration Mode, press **[1][PRINT]** key.

KEY TO PRESS	DISPLAY
✳	PROGRAM LCD SETTING 000001 ENTER: 0 SUPPRESSION OF PRICE DISPLAY 0=NO 1=YES

13) Select Total Price Display.

*If you want to MASK Total Price Display on Registration Mode, press **[1] [PRINT]** key.

KEY TO PRESS	DISPLAY
✴	PROGRAM LCD SETTING 000001 ENTER: 0 DISPLAY DISCOUNT PRICE 0=NO 1=YES

14) Select Display Discount Price (Discount Message) on Large LCD Display.

KEY TO PRESS	DISPLAY
✴	PROGRAM LCD SETTING 000001 ENTER: 7 SUB TTL MODE COLOR NORMAL 7: WHITE

   Note: In Registration Mode, normally Three lines of commodity name will display on **SM-720 Large Color LCD Display** when call up a PLU Discount item. But if Display Discount Price is selected, one line (1st Line) of commodity name and two lines of Discount information will display when call up a PLU Discount item.

15) Select Color for SUB TOTAL MODE as same as R MODE (NO PLU) setting (**e.g.** INVERT 10: GREEN by enter Color Number) and then save & go to next selection.

KEY TO PRESS	DISPLAY
1 ▢ ✴	PROGRAM LCD SETTING 000001 ENTER: 7 CHANGE MODE COLOR NORMAL 7: WHITE

16) Select Color for CHANGE MODE as same as R MODE (NO PLU) setting (**e.g.** INVERT 11: RED + GREEN by enter Color Number) and then save & go to next selection.

KEY TO PRESS	DISPLAY
1 1 ✴	PROGRAM LCD SETTING 000001 ENTER: 7 S MODE COLOR NORMAL 7: WHITE

17) Select Color for S MODE as same as R MODE (NO PLU) setting (**e.g.** INVERT 12: BLUE by enter Color Number) and then save & go to next selection.

KEY TO PRESS	DISPLAY
1 2 ✱	PROGRAM LCD SETTING 000001 ENTER:　　7 X MODE COLOR　　NORMAL 7: WHITE

18) Select Color for X MODE as same as R MODE (NO PLU) setting (**e.g.** INVERT 13: RED + BLUE by enter Color Number) and then save & go to next selection.

KEY TO PRESS	DISPLAY
1 3 ✱	PROGRAM LCD SETTING 000001 ENTER:　　7 Z MODE COLOR　　NORMAL 7: WHITE

19) Select Color for Z MODE as same as R MODE (NO PLU) setting (**e.g.** INVERT 14: BLUE + GREEN by enter Color Number) and then save & go to next selection.

KEY TO PRESS	DISPLAY
1 4 ✱	PROGRAM LCD SETTING 000001 ENTER:　　7 PASSWD MODE COLOR NORMAL 7: WHITE

20) Select Color for PASSWORD MODE as same as R MODE (NO PLU) setting (**e.g.** INVERT 15: WHITE by enter Color Number) and then save & go to next selection.

KEY TO PRESS	DISPLAY
1 5 ✱	PROGRAM LCD SETTING 000001 ENTER:　　7 ERR MSG COLOR　　NORMAL 7: WHITE

21) Select Color for ERROR MESSAGE as same as R MODE (NO PLU) setting (**e.g.** NORMAL 1: RED by enter Color Number) and then save & go to next selection.

KEY TO PRESS	DISPLAY
1 **✳**	PROGRAM LCD SETTING 000001 ENTER: 7 DEFAULT COLOR NORMAL 7: WHITE

22) Select DEFAULT COLOR as same as R MODE (NO PLU) setting (**e.g.** INVERT 13: RED + BLUE by enter Color Number).

KEY TO PRESS	DISPLAY
1 **3**	PROGRAM LCD SETTING 000001 ENTER: 13 DEFAULT COLOR INVERT 13: RED + BLUE

23) Save the LCD Setting Number 1.

*If you want to exit without saving, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
PLU	PROGRAM LCD SETTING ENTER: 0 ENTER LCD SETTING # AND PRESS PRINT KEY

Note: The LCD Setting Number will activated when press **[PLU]** key to save the setting (*S Mode color will change from White to Invert Blue).

2. Delete LCD Setting File

1) At Program LCD Setting Mode, enter the existing LCD Setting Number (**e.g.** 3) to be deleted.

KEY TO PRESS	DISPLAY
3	PROGRAM LCD SETTING ENTER: 3 ENTER LCD SETTING # AND PRESS PRINT KEY

2) Enter deleting mode.

KEY TO PRESS	DISPLAY
—	DELETE? YES: CLEAR KEY / NO: TARE KEY

3) Delete LCD Setting Number 3.

   *If you want to cancel the deletion, press **[TARE]** key to exit.

KEY TO PRESS	DISPLAY
C	PROGRAM LCD SETTING ENTER: 0 ENTER LCD SETTING # AND PRESS PRINT KEY

LCD Display File

LCD Display file is use for program Display Images shown on **SM-720 Large Color LCD** in Registration Mode when scale in idle time and this programming also to program Scrolling Message shown on **SM-720 Small Color LCD display** in Registration Mode when scale in idle time. LCD Display # 1 ~ # 99 is available.

1. Program LCD Display File

SM-720 Large Color LCD

Up to 24 Image can be set in each LCD Display File and to program LCD Display File, the Images must download to Scale in advance.
*Image can be created using Paint and save as monochrome bit map file (Width: 64 and Height: 252). And then use PC FL-1 to convert the bit map files (Image block size: 2016).

1) At Programming Mode, select Program LCD Display mode and then enter new LCD Display number (**e.g.** 1) programming mode.

   *For edit, enter existing LCD Display Number.

KEY TO PRESS	DISPLAY
4 5 ✗	PROGRAM LCD DISPLAY ENTER: 0 ENTER LCD DISPLAY # AND PRESS PRINT KEY
1 ✳	PROGRAM LCD DISPLAY 000001 ENTER: 0 1ST IMAGE #

2) Enter existing Image number (**e.g.** 1) and go to next selection.

   *Press **[-]** key back to previous step.

KEY TO PRESS	DISPLAY
1 ✳	PROGRAM LCD DISPLAY 000001 ENTER: 0 1ST IMAGE DURATION

3) Enter Duration value (**e.g.** 60) and go to next selection.

* 0 ~ 99 can be set.

KEY TO PRESS	DISPLAY
6 0 ✳	PROGRAM LCD DISPLAY 000001 ENTER: 7 1ST IMAGE NORMAL 7: WHITE

4) Select Color for Image # 1 by entering the Color Number or press Preset Key Number 7 or Preset Key Number 8 key to search the color you want. (**e.g.** "NORMAL 1:RED" by enter Number of the color).

KEY TO PRESS	DISPLAY
1	PROGRAM LCD DISPLAY 000001 ENTER: 1 1ST IMAGE NORMAL 1: RED
✳	PROGRAM LCD DISPLAY 000001 ENTER: 0 2ND IMAGE #

Note: Select COLOR by press Numeric keys or press Preset Key Number 7 or Preset Key Number 8 key to search as below:

0: NO COLOR (NORMAL)
1: RED (NORMAL)
2: GREEN (NORMAL)
3: RED + GREEN (NORMAL)
4: BLUE (NORMAL)
5: RED + BLUE (NORMAL)

6: BLUE + GREEN (NORMAL)
7: WHITE (NORMAL)
8: NO COLOR (INVERT)
9: RED (INVERT)
10: GREEN (INVERT)
11: RED+GREEN (INVERT)

12: BLUE (INVERT)
13: RED+BLUE (INVERT)
14: BLUE-GREEN (INVERT)
15: WHITE (INVERT)

5) If necessary to program 2nd Image #, follow the procedure as same as Image # 1 programming. If not, press **[PLU]** key to save it and return to Program LCD Display Mode.

*If you want to exit without saving, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
PLU	PROGRAM LCD DISPLAY ENTER: 0 ENTER LCD DISPLAY # AND PRESS PRINT KEY

Note: The LCD Display will activated when press **[PLU]** key to save the setting and the Scroll Sequence will automatically disable display.

SM-720 Small Color LCD

This program file is used to program the scroll method of scroll message for **SM-720 Small Color LCD** display only (For SM-720 Large Color LCD, please refer to SCROLL SEQUENCE FILE). LCD Display # 1 to # 99 is available and each file consists of up to ten kinds of Messages, Attribute, Color and Speed.

1) At Programming Mode, select Program LCD Display mode and then enter new LCD Display number (**e.g.** 1) programming mode.

   *For edit, enter existing LCD Display Number.

KEY TO PRESS	DISPLAY
4 5 ✖	PROGRAM LCD DISPLAY ENTER: 0 ENTER LCD DISPLAY # AND PRESS PRINT KEY
1 ✳	PROGRAM LCD DISPLAY 000001 ENTER: 0 1ST SCROLL MESSAGE #

2) Enter existing Scroll Message number (**e.g.** 1) and go to next selection.

KEY TO PRESS	DISPLAY
1 ✳	PROGRAM LCD DISPLAY 000001 ENTER: 1 1ST SCROLL MSG TYPE 1: BLINKING

3) Select Scrolling pattern for 1ˢᵗ Scroll Message (**e.g.** 0: Scroll from Left) by press the numeric key or by press preset Key Number 7 or Preset Key Number 8 to search the scrolling pattern you want.

   *There are 4 patterns: **[0]–** SCROLL (L), **[1]–** BLINKING, **[2]–** STATIC and **[3]–** SCROLL (R) can be set.

KEY TO PRESS	DISPLAY
0	PROGRAM LCD DISPLAY 000001 ENTER: 0 1ST SCROLL MSG TYPE 0: SCROLL (L)

   Note: Number of characters showed on SM500 Small Color LCD by scrolling pattern is described as below:
   - **Scroll (L):** Max.100 characters (The programmed message shows up on SM-720 Small Color LCD display, then scrolls from the right end to the left end)
   - **Blinking:** Max. 22 characters (The programmed message shows up on SM-720 Small Color LCD display and blinks without scrolling)
   - **Static:** Max. 22 characters (The programmed message shows up on SM-720 Small Color LCD display without scrolling)
   - **R-Scroll:** Max.100 characters (The programmed message starts from the right end on SM-720 Small Color LCD display, then scrolls to the left end).

4) Go to next selection.

KEY TO PRESS	DISPLAY
✱	PROGRAM LCD DISPLAY 000001 ENTER: 0 1ST SCROLL MSG TYPE 0: SCROLL (L)

5) Enter Scrolling speed (**e.g.** 2: FAST) by press the numeric keys or press Preset Key Number 7 or preset Key Number 8 to search the speed you want and go to next selection.

   *There are 3 speeds: **[0]**– SLOW, **[1]**– NORMAL and **[2]**– FAST can be set.

KEY TO PRESS	DISPLAY
2 8 PPK DP ≫ or	PROGRAM LCD DISPLAY 000001 ENTER: 2 1ST SCROLL MSG TYPE 2: SFAST
✱	PROGRAM LCD DISPLAY 000001 ENTER: 7 1ST SCROLL MSG NORMAL 7: WHITE

6) Select Color for 1st Scroll Message (**e.g.** NORMAL 1: RED by enter Number of the color) and go to next selection.

KEY TO PRESS	DISPLAY
1	PROGRAM LCD DISPLAY 000001 ENTER: 1 1ST SCROLL MSG NORMAL 1: RED
✱	PROGRAM LCD DISPLAY 000001 ENTER: 0 2ND SCROLL MESSAGE #

Note: Select COLOR by press Numeric keys or press Preset Key Number 7 or Preset Key Number 8 key to search as below:

0: NO COLOR (NORMAL)	6: BLUE + GREEN (NORMAL)	12: BLUE (INVERT)
1: RED (NORMAL)	7: WHITE (NORMAL)	13: RED+BLUE (INVERT)
2: GREEN (NORMAL)	8: NO COLOR (INVERT)	14: BLUE-GREEN (INVERT)
3: RED + GREEN (NORMAL)	9: RED (INVERT)	15: WHITE (INVERT)
4: BLUE (NORMAL)	10: GREEN (INVERT)	
5: RED + BLUE (NORMAL)	11: RED+GREEN (INVERT)	

7) If necessary to program 2nd Scroll Message, follow the procedure as same as 1st Scroll Message programming. If not, go to next selection.

KEY TO PRESS	DISPLAY
✳	PROGRAM LCD DISPLAY 000001 ENTER: 6 LINE SHIFT IN SCROLLING MSG (L&R)

8) Enter the value of the Lines Shift (**e.g.** 9).

 *0 to 9 can be set.

KEY TO PRESS	DISPLAY
9	PROGRAM LCD DISPLAY 000001 ENTER: 9 LINE SHIFT IN SCROLLING MSG (L&R)

9) Save the LCD Display Number 1 setting.

 *If you want to exit without saving, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
PLU	PROGRAM LCD DISPLAY ENTER: 0 ENTER LCD DISPLAY # AND PRESS PRINT KEY

 Note: The LCD Display Number 1 will activated when press **[PLU]** key.

2. Enable or Disable LCD Display File

This Function is used to enable (or Disable) or change LCD Display number shows on the **SM-720 Large Color LCD Display** or **SM-720 Small Color LCD Display** in Registration Mode.

Note: For SM-720 Large Color LCD Display, this function will auto disable when Scroll Sequence number is enable (Please refer to Enable or Disable Scroll Sequence File).

1) At Program LCD Display Mode, enter existing LCD Display Number (**e.g.** 2).

KEY TO PRESS	DISPLAY
2	PROGRAM LCD DISPLAY ENTER: 2 ENTER LCD DISPLAY # AND PRESS PRINT KEY

2) Edit LCD Display Number 2 program file.

KEY TO PRESS	DISPLAY
✳	PROGRAM LCD DISPLAY 000002 ENTER: 1 1ST IMAGE #

3) Save the data.

   *If you want to disable LCD Display Image on Registration Mode, press **[0] [PLU]** key.

KEY TO PRESS	DISPLAY
PLU	PROGRAM LCD DISPLAY ENTER: 0 ENTER LCD DISPLAY # AND PRESS PRINT KEY

   Note: The LCD Display Number 2 will activated when press **[PLU]** key to save the setting and the Scroll Sequence will automatically disable display.

3. Delete LCD Display File

1) At Program LCD Display Mode, enter the existing LCD Display Number (**e.g.** 3) to be deleted.

KEY TO PRESS	DISPLAY
3	PROGRAM LCD DISPLAY ENTER: 3 ENTER LCD DISPLAY # AND PRESS PRINT KEY

2) Enter deleting mode.

KEY TO PRESS	DISPLAY
−	DELETE? YES: CLEAR KEY / NO: TARE KEY

3) Delete LCD Display Number 3.

   *If you want to cancel the deletion, press **[TARE]** key to exit.

KEY TO PRESS	DISPLAY
C	PROGRAM LCD DISPLAY ENTER: 0 ENTER LCD DISPLAY # AND PRESS PRINT KEY

PRESET FUNCTION KEYS

Function keys can be assigned on preset keys. Function keys are used to change the original programmed PLU data by one touch operation when issuing labels or total label / receipt at Registration Mode or Pre-pack Mode.

Note: Please refer to Function Keys File at Function Key Assignment for the available function keys.

[ADVERTISEMENT] Function Key

This function key is used to select the favorite Advertisement Message to be printed on item label temporarily when issuing item label.

> **Note:**
>
> a) Prior to this operation, **[ADVERTISEMENT]** Function should be assigned to Preset Key in advance (**e.g.** Assign to Preset Key number 1).
>
> b) This function is available for Label printing in Pre-pack Mode and MANUAL MODE.
>
> c) Advertise Message has to be programmed in advance.

1) At Stand-by-Status, call up PLU of FRIED POTATOES (**e.g.** PLU # 8).

KEY TO PRESS	DISPLAY
8 PLU	0.000 0.000 2.23 0.00 FRIED POTATOES

2) Enter Advertisement function call mode.

*If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
1 MG DAILY A	FUNCTION CALL ENTER: 0 ENTER ADVERTISEMENT # AND PRESS PRINT KEY

Note: If you do not want to print Advertisement Message on item label, press **[0]** key and follow by **[PRINT]** key to disable it.

3) Enter existing Advertisement Number you want (**e.g.** 1) and save it.

***Note:** If selected label format is **Insufficient Printing Space** for Advertisement Message, a message " **INSUFF ADVERT SPACE**" appears on display when press **[PRINT]** key to save.

KEY TO PRESS	DISPLAY
1	FUNCTION CALL ENTER: 1 ENTER ADVERTISEMENT # AND PRESS PRINT KEY
⁎	**0.000 0.000 2.23 0.00** FRIED POTATOES →0← MAN

4) Place the product on platter (**e.g.**1kg).

KEY TO PRESS	DISPLAY
	0.000 1.000 2.23 2.23 FRIED POTATOES MAN

5) Issue a label out.

KEY TO PRESS	DISPLAY
⁎	**0.000 1.000 0.00 0.00** MAN

Note: The printing position for Advertisement is depending on Spec 14 setting (First Line, Below or Above).

Turn Over Printing can be set at Spec 15.

If Spec 96 is set to "ALLOW", after select a Advertisement from Function Call, the message will printed on all items label until enter function call to disable it (At step 2, enter "0" and **[PRINT]** key).

If Spec 96 is set to "INHIBIT", after print advertisement message for a PLU, if the PLU is recalled or a new PLU is called, it is necessary to use the function key again to select an advertisement message for printing.

[PRICE DISCOUNT] Function Key

This function key is used to get the desirable discounted total price temporarily by subtracting the discount value from the original total price when issuing item label, total label or receipt. If the PLU is called up again or a new PLU is called up, the function will be canceled.

The formula is shown as follows:
TOTAL PRICE = ORIGINAL TOTAL PRICE – ENTERED DISCOUNT VALUE

Note: To use this function key, **SPEC 653** must to ALLOW in advance.

Print Total Price Markdown on item Label can be set at **SPEC 83** (Please select 2 or 3).

Select print **Unit Price Markdown** on item label can be set at **SPEC 662 (1: UNIT RE-CALCULATION).**

If you want the Discount Price **Up Date** to PLU file, **SPEC 138** must set to **"UPDATE TO PLU"** in advance.

Note:

a) Prior to this operation, **[PRICE DISCOUNT]** Function should be assigned to Preset Key in advance (**e.g.** Assign to Preset Key number 2).

b) This function is effective in PREPACK MODE and MANUAL MODE.

c) This function is effective in Label and Receipt operations.

---

1. Weighing Item

1) At Stand-by-Status, call up PLU of FRIED POTATOES (**e.g.** PLU # 8).

KEY TO PRESS	DISPLAY
8 PLU	0.000 0.000 2.23 0.00 FRIED POTATOES

2) Press the assigned **[PRICE DISCOUNT]** key (**e.g. [P2]**) to enter Discount Function Call Mode.

*If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
2/PLU DAILY B	FUNCTION CALL ENTER: 0.00 ENTER PRICE DISCOUNT & PRESS PRINT KEY

3) Enter the value to be discounted (**e.g.** $0.35) and save it.

KEY TO PRESS	DISPLAY
3 5	FUNCTION CALL ENTER: 0.35 ENTER PRICE DISCOUNT & PRESS PRINT KEY
✳	**0.000 0.000 2.23 0.00** FRIED POTATOES ＋0＋ MAN

4) Place the product on platter (**e.g.** 1kg).

KEY TO PRESS	DISPLAY
	0.000 1.000 2.23 2.23 FRIED POTATOES MAN

5) Issue a label out.

KEY TO PRESS	DISPLAY
✳	PRICE DISCOUNT 1.88
	0.000 1.000 0.00 0.00 MAN

2. Non-Weighing Item

1) At Stand-by-Status, call up PLU of CHOCOLATE CAKE (**e.g.** PLU # 1) and press the assigned **[PRICE DISCOUNT]** key (**e.g. [P2]**) to enter Discount Function Call Mode.

   *If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
1 PLU	**4.50** CHOCOLATE CAKE
2 PLU DAILY B	FUNCTION CALL ENTER: 0.00 ENTER PRICE DISCOUNT & PRESS PRINT KEY

2) Enter the value to be discounted (**e.g.** $0.55) and save it.

KEY TO PRESS	DISPLAY
5 5	FUNCTION CALL ENTER: 0.55 ENTER PRICE DISCOUNT & PRESS PRINT KEY
*	**4.50** CHOCOLATE CAKE

3) Enter multiply mode and then enter sale quantity (**e.g.** 2).

   *If you want the Multiple Function available in **PRE-PACK MODE**, please set **SPEC 666** to **"ALLOW"** in advance.

KEY TO PRESS	DISPLAY
✕ 2	**2x 4.50= 9.00** CHOCOLATE CAKE

4) Issue a label out.

KEY TO PRESS	DISPLAY
✳	PRICE DISCOUNT 8.45
	0.000 0.000 0.00 0.00

[PRICE % DISCOUNT] Function Key

This function key is used to get the desirable discounted total price temporarily by setting the discount % value when issuing item label, total label or receipt. If the PLU is called up again or a new PLU is called up, the function will be canceled.

The formula is shown as follows:
TOTAL PRICE = ORIGINAL TOTAL PRICE x (100% - DISCOUNT % VALUE)

Note: To use this function, **SPEC 653** must to ALLOW in advance.

Print Total Price Markdown on item Label can be set at **SPEC 83** (Please select 2 or 3).

Select print **Unit Price Markdown** on item label can be set at **SPEC 662 (1: UNIT RE-CALCULATION).**

If you want the Discount Price **Up Date** to PLU file, **SPEC 138** must set to **"UPDATE TO PLU"** in advance.

> **Note:**
>
> a) Prior to this operation, **[% PRICE DISCOUNT]** Function should be assigned to Preset Key in advance (**e.g.** Assign to Preset Key number 3).
>
> b) This function is effective in PREPACK MODE and MANUAL MODE.
>
> c) This function is effective in Label and Receipt operations.

1. Weighing Item

1) At Stand-by-Status, call up PLU of FRIED POTATOES (**e.g.** PLU # 8).

KEY TO PRESS	DISPLAY
8 PLU	**0.000 0.000 2.23 0.00** FRIED POTATOES

2) Press the assigned **[PRICE % DISCOUNT]** key (**e.g. [P3]**) to enter Discount Function Call Mode.
   *If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
3 DP DAILY C	FUNCTION CALL ENTER: 0.00 ENTER PRICE % DISCOUNT & PRESS PRINT KEY

3) Enter the discounted % value (**e.g.** 10%) and save it.

KEY TO PRESS	DISPLAY
1 **0** **0** **0**	FUNCTION CALL ENTER: 10.00 ENTER PRICE % DISCOUNT & PRESS PRINT KEY
✳	**0.000 0.000 2.23 0.00** FRIED POTATOES →0← MAN

4) Place the product on platter (**e.g.** 1kg).

KEY TO PRESS	DISPLAY
	0.000 1.000 2.23 2.23 FRIED POTATOES MAN

5) Issue a label out.

KEY TO PRESS	DISPLAY
✳	PRICE DISCOUNT 2.01
	0.000 1.000 0.00 0.00 MAN

2. Non-Weighing Item

1) At Stand-by-Status, call up PLU of CHOCOLATE CAKE (**e.g.** PLU # 1) and press the assigned **[PRICE % DISCOUNT]** key (**e.g. [P3]**) to enter Discount Function Call Mode.

   *If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
1 PLU	**4.50** CHOCOLATE CAKE
3 DP DAILY C	FUNCTION CALL ENTER: 0.00 ENTER PRICE % DISCOUNT & PRESS PRINT KEY

2) Enter the value to be discounted (**e.g.** 5%) and save it.

KEY TO PRESS	DISPLAY
5 0 0	FUNCTION CALL ENTER: 5.00 ENTER PRICE % DISCOUNT & PRESS PRINT KEY
✳	**4.50** CHOCOLATE CAKE

3) Enter multiply mode and then enter sale quantity (**e.g.** 2).

   *If you want the Multiple Function available in **PRE-PACK MODE**, please set **SPEC 666** to **"ALLOW"** in advance.

KEY TO PRESS	DISPLAY
✕ 2	**2x 4.50= 9.00** CHOCOLATE CAKE

4) Issue a label out.

KEY TO PRESS	DISPLAY
✳	PRICE DISCOUNT 8.55 0.000 0.000 0.00 0.00 →0← MAN

[UNIT PRICE DISCOUNT] Function Key

This function key is used to get the desirable discounted unit price temporarily by setting discount value subtracted from original unit price when issuing item label, total label or receipt. If the PLU is called up again or a new PLU is called up, the function will be canceled.

The formula is shown as follows:
UNIT PRICE AFTER DISCOUNT = ORIGINAL UNIT PRICE - ENTERED DISCOUNT VALUE

Note: Print Unit Price or Total Price Markdown on item Label can be set at **SPEC 83**.

If you want the Discount Price Up Date to PLU file, **SPEC 138** must set to **"UPDATE TO PLU"** in advance.

Note:

a) Prior to this operation, **[UPRICE DISCOUNT]** Function should be assigned to Preset Key in advance (**e.g.** Assign to Preset Key number 4).

b) This function is effective in PREPACK MODE and MANUAL MODE.

c) This function is effective in Label and Receipt operations.

---

1. Weighing Item

1) At Stand-by-Status, call up PLU of FRIED POTATOES (**e.g.** PLU # 8).

KEY TO PRESS	DISPLAY
8 PLU	**0.000 0.000 2.23 0.00** FRIED POTATOES ＋0＋ MAN

2) Press the assigned **[U.PRICE DISCOUNT]** key (**e.g. [P4]**) to enter Discount Function Call Mode.
*If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
4 ST DAILY D	FUNCTION CALL ENTER: 0.00 ENTER U.PRICE DISCOUNT & PRESS PRINT KEY

3) Enter the value to be discounted (**e.g.** $0.35) and save it.

KEY TO PRESS	DISPLAY
3 5	FUNCTION CALL ENTER: 0.35 ENTER U.PRICE DISCOUNT & PRESS PRINT KEY
✳	**0.000 0.000 1.88 0.00** FRIED POTATOES →0← MAN

Note: Unit Price change from $2.23 to $1.88 after exit from Function Call mode.

4) Place the product on platter (**e.g.** 2kg).

KEY TO PRESS	DISPLAY
	0.000 2.000 1.88 3.76 FRIED POTATOES MAN

5) Issue a label out.

KEY TO PRESS	DISPLAY
✳	**0.000 2.000 0.00 0.00** MAN

2. Non-Weighing Item

1) At Stand-by-Status, call up PLU of CHOCOLATE CAKE (**e.g.** PLU # 1) and press the
   assigned **[U.PRICE DISCOUNT]** key (**e.g. [P4]**) to enter Discount Function Call Mode.
   *If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
1 PLU	**4.50** CHOCOLATE CAKE →0← MAN
4 ST DAILY D	FUNCTION CALL ENTER: 0.00 ENTER U.PRICE DISCOUNT & PRESS PRINT KEY

2) Enter the value to be discounted (**e.g.** $0.55) and save it.

KEY TO PRESS	DISPLAY
5 5 ✱	**3.95** CHOCOLATE CAKE →0← MAN

Note: Unit Price change from $4.50 to $3.95 after exit from Function Call mode.

3) Enter multiply mode and then enter sale quantity (**e.g.** 2) and then issue a label.

   *If you want the Multiple Function available in **PRE-PACK MODE**, please set **SPEC 666** to
   "ALLOW" in advance.

KEY TO PRESS	DISPLAY
✕ 2	**2x 3.95= 7.90** CHOCOLATE CAKE →0← MAN
✱	**0.000 0.000 0.00 0.00** →0← MAN

[UNIT PRICE % DISCOUNT] Function Key

This function key is used to get the desirable discounted unit price temporarily by setting discount % value subtracted from original unit price when issuing item label, total label or receipt. If the PLU is called up again or a new PLU is called up, the function will be canceled.

The formula is shown as follows:

UNIT PRICE AFTER DISCOUNT = ORIGINAL UNIT PRICE x (100% - DISCOUNT % VALUE)

Note: Print Unit Price or Total Price Markdown on item Label can be set at **SPEC 83**.

If you want the Discount Price Up Date to PLU file, **SPEC 138** must set to **"UPDATE TO PLU"** in advance.

Note:

a) Prior to this operation, **[U.PRICE % DISCOUNT]** Function should be assigned to Preset Key in advance (**e.g.** Assign to Preset Key number 5).

b) This function is effective in PREPACK MODE and MANUAL MODE.

c) This function is effective in Label and Receipt operations.

---

1. Weighing Item

1) At Stand-by-Status, call up PLU of FRIED POTATOES (**e.g.** PLU # 8).

KEY TO PRESS	DISPLAY
8 PLU	**0.000 0.000 2.23 0.00** FRIED POTATOES

2) Press the assigned **[U.PRICE % DISCOUNT]** key (**e.g. [P5]**) to enter Discount Function Call Mode.

*If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
5 24H DAILY E	FUNCTION CALL ENTER: 0.00 ENTER U.PRICE % DISCOUNT & PRESS PRINT KEY

3) Enter the discounted % value (**e.g.** 10%) and save it.

KEY TO PRESS	DISPLAY
1 0 0 0	FUNCTION CALL ENTER: 10.00 ENTER U.PRICE % DISCOUNT & PRESS PRINT KEY
✳	**0.000 0.000 2.01 0.00** FRIED POTATOES ➔0◆ MAN

   Note: Unit Price change from $2.23 to $2.01 after exit from Function Call mode.

4) Place the product on platter (**e.g.** 2kg).

KEY TO PRESS	DISPLAY
	0.000 2.000 2.01 4.02 FRIED POTATOES MAN

5) Issue a label out.

KEY TO PRESS	DISPLAY
✳	**0.000 2.000 0.00 0.00** MAN

2. Non-Weighing Item

1) At Stand-by-Status, call up PLU of CHOCOLATE CAKE (**e.g.** PLU # 1) and press the
   assigned **[U.PRICE % DISCOUNT]** key (**e.g. [P5]**) to enter Discount Function Call Mode.
   *If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
1 PLU	**4.50** CHOCOLATE CAKE →0← MAN
5/24H DAILY E	FUNCTION CALL ENTER: 0.00 ENTER U.PRICE % DISCOUNT & PRESS PRINT KEY

2) Enter the discounted % value (**e.g.** 5%) and save it.

KEY TO PRESS	DISPLAY
5 0 0 ✳	**4.28** CHOCOLATE CAKE →0← MAN

   Note: Unit Price change from $4.50 to $4.28 after exit from Function Call mode.

3) Enter multiply mode and then enter sale quantity (**e.g.** 2) and then issue a label.

   *If you want the Multiple Function available in **PRE-PACK MODE**, please set **SPEC 666** to
   "ALLOW" in advance.

KEY TO PRESS	DISPLAY
✕ 2	**2x 4.28= 8.56** CHOCOLATE CAKE →0← MAN
✳	**0.000 0.000 0.00 0.00** →0← MAN

[PACK DATE] Function Key

This function is to set a new Packed date temporarily by adding days to the actual date when issuing item labels. If the PLU is recalled or a new PLU is called up, the packed data will return to the original one set the PLU programming Mode.
The formula is soon.

Note: Usually this function key is only available at Pre-Pack Mode, but if **SPEC 654: PACKED DATE FUNCTION IN MANUAL MODE** is set to **"ALLOW",** it will be available at Manual Mode as well.

Note:

a) Prior to this operation, **[PACK DATE]** Function should be assigned to Preset Key in advance (**e.g.** Assign to Preset Key number 6).

b) This function is available for Label printing in Pre-pack Mode and MANUAL MODE.

For example: Original Pack Date for FRIED POTATOES is 2 days and original Sell-by-Date is 10 days.

1) At Stand-by-Status, switch Manual Mode to Pre-pack Mode and call up PLU of FRIED POTATOES (**e.g.** PLU # 8).

KEY TO PRESS	DISPLAY
AUTO	0.000 0.000 0.00 0.00 ►O◄ PPK
8 PLU	0.000 0.000 2.23 0.00 FRIED POTATOES ►O◄ PPK

2) Press the assigned **[PACK DATE]** key (**e.g. [P6]**) to enter Function Call Mode.

   *If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
6 ABC DAILY F	FUNCTION CALL ENTER: 0 ENTER PACK DATE & PRESS PRINT KEY

3) Enter DAYS to the actual date (**e.g.** 10 days) and save it.

KEY TO PRESS	DISPLAY
1 0	FUNCTION CALL ENTER: 10 ENTER PACK DATE & PRESS PRINT KEY
✳	**0.000 0.000 2.23 0.00** FRIED POTATOES ＋０＋ ＰＰＫ

> **Note:** If **SPEC 109** is set to **"Real Time Clock",** packed date set by this function key will be either the **same** or **smaller** than the sell-by-date set in PLU file. And if **SPEC 109** is set to **"Packed date"**, up to 999 days can be added to the actual date.

4) Place the product on the platter (**e.g.** 2 kg).

  *The Label automatically issued after weight stable and print Date Title on label can be set at **SPEC 167**.

KEY TO PRESS	DISPLAY
	0.000 2.000 2.23 4.46 FRIED POTATOES ＰＰＫ

5) Remove the product from platter and clear the PLU data.

  *If you want back to Manual Mode, press **[AUTO]** key.

KEY TO PRESS	DISPLAY
C	**0.000 0.000 0.00 0.00** ＋０＋ ＰＰＫ

[- PACK DATE] Function Key

This function is to set a new packed date temporarily by subtracting days from the actual date. If the PLU is recalled or a new PLU is called up, the packed date will return to the original one set in the PLU programming mode. Up to 999 days can be subtracted from the actual date.

The formula is shown as follows:

PACKED DATE = ACTUAL DATE - DAYS

Note: Usually this function key is only available at Pre-Pack Mode, but if **SPEC 654: PACKED DATE FUNCTION IN MANUAL MODE** is set to **"ALLOW",** it will be available at Manual Mode as well.

> **Note:**
>
> a) Prior to this operation, **[- PACK DATE]** Function should be assigned to Preset Key in advance (**e.g.** Assign to Preset Key number 7).
>
> b) This function is available for Label printing in Pre-pack Mode and MANUAL MODE.

For example: Original Pack Date for FRIED POTATOES is 2 days and original Sell-by-Date is 10 days.

1) At Stand-by-Status, switch Manual Mode to Pre-pack Mode and then call up PLU of FRIED POTATOES (**e.g.** PLU # 8).

KEY TO PRESS	DISPLAY
AUTO	0.000 0.000 0.00 0.00
8 PLU	0.000 0.000 2.23 0.00 FRIED POTATOES

2) Press the assigned **[- PACK DATE]** key (**e.g. [P7]**) to enter Function Call Mode.

*If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
7 CLERK <<	FUNCTION CALL ENTER: 0 ENTER -PACK DATE & PRESS PRINT KEY

3) Enter DAYS to the actual date (**e.g.** 10 days) and save it.

KEY TO PRESS	DISPLAY
1 0	FUNCTION CALL ENTER: 10 ENTER -PACK DATE & PRESS PRINT KEY
✳	**0.000 0.000 2.23 0.00** FRIED POTATOES →0← PPK

    Note: Up to 999 days can be entering.

4) Place the product on the platter (**e.g.** 2 kg).

    *The Label automatically issued after weight stable and print Date Title on label can be set at **SPEC 167**.

KEY TO PRESS	DISPLAY
✳	**0.000 2.000 2.23 4.46** FRIED POTATOES PPK

5) Remove the product from platter and clear the PLU data.

    *If you want back to Manual Mode, press **[AUTO]** key.

KEY TO PRESS	DISPLAY
C	**0.000 0.000 0.00 0.00** →0← PPK

[SELL-BY-DATE] Function Key

This function key is used to set a new sell-by-date temporarily by adding days from the actual date or from packed date (Print sell-by-date FROM CURRENT DATE or FROM PACKED DATE can be selected at SPEC 109) when issuing item labels. If the PLU is recalled or a new PLU is called up, the sell-by-date will return to the original one set in the PLU Programming mode. Up to 999 days can be added from the actual date.

The formula is shown as follows:
SELL-BY-DATE = ACTUAL DATE + DAYS

Note: Maximum 999 days can be entering, but if **SPEC 142** is set to **"DISABLE"**, the **DAY** will not printed on item label when entering more than 90days of Sell By Date. And if **SPEC 142** set to "**ENABLE**", the **DAY** will printed on item label when entering more than 90days of Sell By Date.

Note:

a) Prior to this operation, **[SELL BY DATE]** Function should be assigned to Preset Key in advance (**e.g.** Assign to Preset Key number 8).

b) This function is available for Label printing in Pre-pack Mode and MANUAL MODE.

For example: Original Pack Date for FRIED POTATOES is 10 days and changes it to 20 days for temporarily printing.

1) At Stand-by-Status, call up PLU of FRIED POTATOES (**e.g.** PLU # 8).

KEY TO PRESS	DISPLAY
8 **PLU**	**0.000 0.000 2.23 0.00** FRIED POTATOES →0← MAN

2) Press the assigned **[SELL BY DATE]** key (**e.g. [P8]**) to enter Function Call Mode.

*If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
8 PPK DP >>	FUNCTION CALL ENTER: 0 ENTER SELL BY DATE & PRESS PRINT KEY

3) Enter DAYS to the actual date (**e.g.** 20 days) and save it.

KEY TO PRESS	DISPLAY
2 0	FUNCTION CALL ENTER: 20 ENTER SELL BY DATE & PRESS PRINT KEY
✳	**0.000 0.000 2.23 0.00** FRIED POTATOES →0← MAN

4) Place the product on the platter (**e.g.** 2 kg).

KEY TO PRESS	DISPLAY
	0.000 2.000 2.23 4.46 FRIED POTATOES MAN

5) Issue a label out.

KEY TO PRESS	DISPLAY
✳	**0.000 2.000 0.00 0.00** MAN

[QUANTITY SYMBOL] Function key

This function key is to select the Unit Symbol to be printed on Non-weighing Item label temporarily. If the PLU is recalled or a new PLU is called up, the Unit Symbol will return to the original one set in the PLU programming mode.

Note: Usually this function key is only available at Pre-pack mode, if **SPEC 98** & **SPEC 99** set to "**0: ALLOW**" and **SPEC 169** set to "**1: YES**", it will be available at Manual mode as well.

> **Note:**
>
> a) Prior to this operation, **[QUANTITY SYMBOL]** Function should be assigned to Preset Key in advance (**e.g.** Assign to Preset Key number 9).
>
> b) This function is available for Label printing in Pre-pack Mode and MANUAL MODE.

For example: Original Quantity Symbol for CHOCOLATE CAKE is **PCS**, change it to **KG.**

1) At Stand-by-Status, switch Manual Mode to Pre-pack Mode and call up PLU of CHOCOLATE CAKE (**e.g.** PLU # 1).

KEY TO PRESS	DISPLAY
AUTO	0.000 0.000 0.00 0.00 +0+ PPK
1 PLU	4.50 CHOCOLATE CAKE +0+ PPK

2) Press the assigned **[QUANTITY SYMBOL]** key (**e.g. [P9]**) to enter Function Call Mode.

   *If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
9 / 6	FUNCTION CALL ENTER: 0 ENTER QUANTITY SYMBOL & PRESS PRINT KEY

3) Enter Quantity Symbol by press numeric key (**e.g.** 3: kg) and save it.

KEY TO PRESS	DISPLAY
③ ✳	**4.50** CHOCOLATE CAKE ➜0➜ PPK

Note: Select Quantity Symbol by press the number keys as below:

0: NON-SYMBOL	1: PCS	2: FOR	3: KG
4: LB	5: G	6: OZ	

4) Start issuing labels out.

KEY TO PRESS	DISPLAY
✳	**4.50** CHOCOLATE CAKE ➜0➜ PPK

Note: - If you want label continuous print out, **SPEC 29** must set to **"ALLOW"** in advance and label will continuous issue until **[CLEAR]** key is pressed or until Grand-Total Price overflow.
   - If you want issue a label only when depress **[PRINT]** key, **SPEC 28** must set to **DISABLE** and **SPEC 29** must set to **INHIBIT** in advance.
   - If you want the Multiple Function available in **PRE-PACK MODE**, **SPEC 666** must be set as **"ALLOW"** in advance.

5) Stop issuing label and then clear PLU data.

KEY TO PRESS	DISPLAY
C	**4.50** CHOCOLATE CAKE ➜0➜ PPK
C	**0.000 0.000 0.00 0.00** ➜0➜ PPK

Note: If you want back to Manual Mode, press **[AUTO]** key.

[QUANTITY] Function Key

This function key is used to reset the Quantity value to be packed for **Non-weighing PLU** temporarily printed on label. If the PLU is recalled or a new PLU is called up, the Quantity will return to the original one set in the PLU programming mode.

Note: Usually this function key is only available at Pre-pack mode, if **SPEC 98** set to "**0: ALLOW**" and **SPEC 131** set to "**1: YES**"**,** it will be available at Manual mode as well.

> **Note:**
>
> a) Prior to this operation, **[QUANTITY]** Function should be assigned to Preset Key in advance (**e.g.** Assign to Preset Key number 10).
>
> b) This function is available for Label printing in Pre-pack Mode and MANUAL MODE.

For example: Original Quantity for CHOCOLATE CAKE is **3** and change it to "6" for temporarily printing on label.

1) At Stand-by-Status, switch Manual Mode to Pre-pack Mode and call up PLU of CHOCOLATE CAKE (**e.g.** PLU # 1).

KEY TO PRESS	DISPLAY
AUTO	0.000 0.000 0.00 0.00 +0+ PPK
1 PLU	4.50 CHOCOLATE CAKE +0+ PPK

2) Press the assigned **[QUANTITY]** key (**e.g. [P10]**) to enter Function Call Mode.

*If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
10/ H	FUNCTION CALL ENTER: 0 ENTER QUANTITY & PRESS PRINT KEY

3) Enter Quantity by press numeric key (**e.g.** 6) and save it.

*Maximum 9999 can be entering.

KEY TO PRESS	DISPLAY
6 ✳	**4.50** CHOCOLATE CAKE

4) Start issuing labels out.

KEY TO PRESS	DISPLAY
✳	**4.50** CHOCOLATE CAKE

Note: If you want label continuous print out, **SPEC 29** must set to **"ALLOW"** in advance and label will continuous issue until **[CLEAR]** key is pressed or until Grand-Total Price overflow.

If you want issue a label only when depress **[PRINT]** key, **SPEC 28** must set to **DISABLE** and **SPEC 29** must set to **INHIBIT** in advance.

5) Stop issuing label and then clear PLU data.

KEY TO PRESS	DISPLAY
C	**4.50** CHOCOLATE CAKE
C	**0.000 0.000 0.00 0.00**

Note: If you want back to Manual Mode, press **[AUTO]** key.

[UNIT PRICE CHANGE] Function key

This function key is used to change the programmed unit price in PLU temporarily. If the PLU is called up again or a new PLU is called up, this function will be canceled. If the PLU is called up again or a new PLU is called up, this function will be canceled and the Unit Price will return to the original Unit Price in PLU programming mode.

Note: If you want the New Unit Price automatically Up Date to PLU file, **SPEC 138: PERMANENT PRICE OR DISCOUNT PRICE CHANGE VIA FUNCTION KEY** must set to **"UPDATE TO PLU"** in advance.

If you want the New Unit Price manually up date to PLU file, please refer to **[UNIT PRICE STORE]** function key.

Note:

a) Prior to this operation, **[UNIT PRICE CHANGE]** Function should be assigned in advance on Preset Key (**e.g.** Assign on Preset Key number 11).

b) This function is effective in PREPACK MODE and MANUAL MODE.

c) This function is effective in Label and Receipt operations.

For example: To Call Up PLU for FRIED POTATOES (Unit Price = $ 2.23) and change it to $ 1.80.

1) At Stand-by-Status, call up PLU of FRIED POTATOES (**e.g.** PLU # 8).

KEY TO PRESS	DISPLAY
8 PLU	**0.000 0.000 2.23 0.00** FRIED POTATOES

2) Press the assigned **[UNIT PRICE CHANGE]** key (**e.g. [P11]**) to enter Function Call Mode.
   *If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
11/ DP MONTH	FUNCTION CALL ENTER: 0.00 ENTER NEW UNIT PRICE & PRESS PRINT KEY

3) Enter new Unit Price (**e.g.** $1.80) by numeric key and save it.

KEY TO PRESS	DISPLAY
1 8 0 ✳	0.000 0.000 1.80 0.00 FRIED POTATOES ›0‹ MAN

4) Place the product on platter (**e.g.** 2 kg).

KEY TO PRESS	DISPLAY
	0.000 2.000 1.80 3.60 FRIED POTATOES MAN

5) Issue a label out.

KEY TO PRESS	DISPLAY
✳	0.000 2.000 0.00 0.00 MAN

[REFUND] Function Key

This function key is used to clear the memory of the sales transaction customer has canceled after printing the total label or receipt. The canceled sales transaction data will be deleted from Report if Refund operation is executed.

> **Note:**
>
> a) Prior to this function, **[REFUND]** Function should be assigned to Preset Key in advance (**e.g.** Assign on Preset Key number 12).

For example: A customer refunded 1kg of FRIED POTATOES and 2 packs of Smoked Sausage. (Make sure Label / Receipt switch is set to set to the one you are going to use).

1) At Stand-by-Status, call up PLU of FRIED POTATOES (**e.g.** PLU # 8) and then press the assigned **[REFUND]** key (**e.g. [P12]**) to enter Function Call Mode.

   *If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY		
8 PLU	0.000 0.000 2.23 0.00 FRIED POTATOES		
12/ ST MONTH J	WEIGHT 0.000	UNIT PRICE - 2.23	REFUND PRICE - 0.00

2) Enter refunded weight (**e.g.** 1kg) and designate the Clerk key (**e.g.** Clerk **[+A]**).

   *Maximum 9.999 kg can be entering and if you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY		
1 0 0 0	WEIGHT 1.000	UNIT PRICE - 2.23	REFUND PRICE - 2.23
+A	CLERK NO:9995 # OF ITEMS:- 1	PRICE :- 2.23	

3) Call up product of SMOKED SAUSAGE (**e.g.** PLU # 15) and then enter the refund quantity (**e.g.** 2).

KEY TO PRESS	DISPLAY
1 **5** **PLU**	**2.50** SMOKED SAUSAGE A ⬛➡O⬅ MAN
✕ **2**	**2x 2.50= 5.00** CHOCOLATE CAKE A ⬛➡O⬅ MAN

4) Enter function call mode and designate the Clerk key (**e.g.** Clerk **[+A]**).

KEY TO PRESS	DISPLAY		
ST MONTH J	QUANTITY	UNIT PRICE	REFUND PRICE
	2	- 2.50	- 5.00
+A	CLERK NO:9995 # OF ITEMS:- 3	PRICE :-	7.23

5) Issue a receipt or total label.

KEY TO PRESS	DISPLAY
✳	**0.000 0.000 0.00 0.00** ➡O⬅ MAN

[SHOP NAME] Function key

This function key is used to select the Shop Name number to be printed on Item / Total label. If the function key selects a shop name, the shop name will be used for all of the PLU until this function key selects a new Shop Name. Shop Name will return to the original one set in Default Spec (SPEC 46) when the main or display switch is turned OFF.

Note: Print Centering of Shop Name on Label can be select on **SPEC 250**.

Note:

a) Prior to this operation, **[SHOP NAME]** Function should be assigned to Preset Key in advance (**e.g.** Assign on Preset Key number 13).

b) This function is available for Label printing in Pre-pack Mode and MANUAL MODE.

c) Shop Name number has to be programmed in advance.

---

1) At Stand-by-Status, press the assigned **[SHOP NAME]** key (**e.g. [P13]**) to enter Function Call Mode.

   *If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
[13/ 24H MONTH K]	FUNCTION CALL ENTER: 0 ENTER SHOP NAME # & PRESS PRINT KEY

2) Enter existing Shop Name number (**e.g.** 3) and save it.

KEY TO PRESS	DISPLAY
[3] [✳]	0.000 0.000 0.00 0.00 +0+ MAN

3) Feed a label out.

   *Now you can start to call up a PLU to issue an item label or total label.

KEY TO PRESS	DISPLAY
[⚲]	0.000 0.000 0.00 0.00 +0+ MAN

[LOGO] Function Key

This function key is used to select the Logo number to be printed on Item / Total label. If the function key selects a logo, the logo will be used for all of the PLU until this function key selects a new Logo number. Logo data will return to the original one set in Default Spec (SPEC 113) when the main or display switch is turned OFF.

Note:

a) Prior to this operation, **[LOGO]** Function should be assigned to Preset Key in advance (**e.g.** Assign on Preset Key number 14).

b) This function is available for Label printing in Pre-pack Mode and MANUAL MODE.

c) Logo number has to be programmed in advance.

---

1) At Stand-by-Status, press the assigned **[LOGO]** key (**e.g. [P14]**) to enter Function Call Mode.
   *If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
14/ L	FUNCTION CALL ENTER: 0 ENTER LOGO NUMBER & PRESS PRINT KEY

2) Enter existing Logo number (**e.g.** 3) and save it.

KEY TO PRESS	DISPLAY
3 ✳	0.000 0.000 0.00 0.00 →0← MAN

3) Feed a label out.

   *You can start to call up a PLU to issue an item label or total label.

KEY TO PRESS	DISPLAY
☞	0.000 0.000 0.00 0.00 →0← MAN

[SELECT PRINT ITEM] Function key

This function key is used to select the programmed items in the PLU not to be printed on item label. If the PLU is called up again or a new PLU is called up, the function will be canceled. The following items can be selected.

NO.	DATA	NO.	DATA	NO.	DATA
1	PLU NO	7	SELL BY TIME	13	QUANTITY UNIT
2	UNIT PRICE	8	USED BY DATE	14	COMMODITY
3	TOTAL PRICE	9	PACK DATE	15	INGREDIENT
4	BARCODE	10	PACK TIME	16	SHOP NAME
5	WEIGHT	11	TARE	17	LOGO
6	SELL BY DATE	12	QUANTITY	18	SPECIAL MSG

During Print Item selection mode, there are two ways to select the Print Item by using different keys such as:

- Enter the Number of the Data.

- Press **[PRINT]** key or **[-]** key to select the Print Item.

Note: If **SPEC 145: Print Select Function Across The Board** is set to **ENABLE**, the selected NO PRINT items will be used for all of the PLU until the main or display switch is turned OFF.

If **SPEC 145** is set to **DISABLE**, after issuing a label, if the PLU is recalled or a new PLU is called up, it is necessary to use the function key again to select the Print Items for printing.

Note:

a) Prior to this operation, **[SELECT PRINT ITEM]** Function should be assigned to Preset Key in advance (**e.g.** Assign on Preset Key number 15).

b) This function is available for Label printing in Pre-pack Mode and MANUAL MODE.

---

1) At Stand-by-Status, call up PLU of FRIED POTATOES (**e.g.** PLU # 8) and then press the assigned **[SELECT PRINT ITEM]** key (**e.g. [P15]**) to enter Function Call Mode.

*If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
8 PLU	0.000 0.000 2.23 0.00 FRIED POTATOES →0← MAN
15/ M	FUNCTION CALL PRINT ITEM SELECT PLU NO PRINT

2) Select the items you don't want to print on item label (**e.g.** 9: PACK DATE set to NO PRINT) by numeric key.

*Press **[X]** key to toggle PRINT or NO PRINT.

KEY TO PRESS	DISPLAY
9	FUNCTION CALL PRINT ITEM SELECT PACK DATE PRINT
X	FUNCTION CALL PRINT ITEM SELECT PACK DATE NO PRINT

3) If necessary to disable others Print Item, select the item and then disable it. If not, store the data.

KEY TO PRESS	DISPLAY
PLU	0.000 0.000 2.23 0.00 FRIED POTATOES ＋0＋ MAN

4) Place the product on platter (**e.g.** 2 kg).

KEY TO PRESS	DISPLAY
	0.000 2.000 2.23 4.46 FRIED POTATOES MAN

5) Issue out a label.

KEY TO PRESS	DISPLAY
✳	0.000 2.000 0.00 0.00 MAN

[SUB TOTAL] & [GRAND TOTAL] Function Key

[SUB TOTAL] function key is used to print Sub-Total label to indicate the total weight (Qty) of issued item labels and total price for same PLU. Sub-total label can only show the total data of the same PLU.

The Sub-total data will be clear in the following case,

    (1) The PLU is called up again or a new PLU is called up.

    (2) Press **[SUB TOTAL]** key to issue the Sub-total label.

[GRAND TOTAL] function key is used to print Grand-total label indicate the accumulation total weight (Qty) and total price calculated from several SUB-TOTAL's for the same PLU. Grand –total label can only show the total data of the same PLU. If the PLU is called up again or a new PLU is called up, the Grand-total data will be cleared.

> **Note:**
>
> a) Prior to this operation, **[SUB-TOTAL]** and **[GRAND-TOTAL]** Function should be assigned to Preset key in advance (**e.g.** Assign on Preset Keys number 16 and 17).
>
> b) After Sub-Total is switched to Grand-Total Mode, the data for Sub-Total is cleared, and if new PLU is called up, all the old data for Sub-Total and Grand-Total will be clear.

For example: To issue 20 labels for FRIED POTATOES (1kg), and print Sub-Total Label. Then, issue 10 more labels for FRIED POTATOES and print Grand-Total label. (Make sure Label / Receipt switch is set to LABEL).

1) At Pre-pack Mode, call up PLU of FRIED POTATOES (**e.g.** PLU # 8) and then place the product on platter (**e.g.** 1kg).

KEY TO PRESS	DISPLAY
8 PLU	**0.000 0.000 2.23 0.00** FRIED POTATOES +0+ PPK
	0.000 1.000 2.23 2.23 FRIED POTATOES PPK

    Note: The Label automatically issued after weight stable.

        If you want to print Extra Label, press **[PLU]** key (**SPEC 658** must set to **ALLOW** in advance).

2) Remove the product from platter and then place next pack of the product (**e.g.** 1kg) on platter to issue second label out.

*Repeat the step to weighing the next pack, until the 20 packs are weighed.

KEY TO PRESS	DISPLAY
	0.000 1.000 2.23 2.23 FRIED POTATOES PPK

Note: When the previous label remains at the Dispenser, a message **"PLEASE PEEL LABEL"** appears. If you want next label print out without remove previous label, **SPEC 28** must set to **"DISABLE"** in advance.

3) Press the assigned **[SUB TOTAL]** key (**e.g. [P16]**) to issue a Sub-Total label.

KEY TO PRESS	DISPLAY
16/ PPK MG	**0.000 1.000 2.23 2.23** FRIED POTATOES PPK

Note: Pre-pack Total Label format type can be set at **SPEC 130** and Pre-pack Total Barcode Data type can be set at **SPEC 234**.

4) Remove the product from platter and then place next pack of the product (**e.g.** 1kg) on platter to issue second label out.

*Repeat the step to weighing the next pack, until the 10 packs are weighed.

KEY TO PRESS	DISPLAY
	0.000 1.000 2.23 2.23 FRIED POTATOES PPK

5) Press the assigned **[GRAND TOTAL]** key (**e.g. [P17]**) to issue a Grand-Total label.

KEY TO PRESS	DISPLAY
	0.000 1.000 2.23 2.23 FRIED POTATOES PPK

6) Remove the product from platter and clear the PLU data.

*If you want back to Manual Mode, press **[AUTO]** key.

KEY TO PRESS	DISPLAY
	0.000 0.000 0.00 0.00 →0← PPK

[PACK QUANTITY] Function Key

This function key is use to set the number of labels to be issued and print the setting number in Pre-pack Mode.

> **Note:**
>
> a) Prior to this operation**, [PACK QUANTITY]** Function should be assigned to Preset key in advance (**e.g.** Assign on Preset Keys number 18).
>
> b) This function is available for Weighing and Non-weighing of Label printing in Pre-pack Mode.

For example: To issue 10 labels for FRIED POTATOES (Make sure Label / Receipt switch is set to LABEL).

1) At Pre-pack Mode, call up PLU of FRIED POTATOES (**e.g.** PLU # 8).

KEY TO PRESS	DISPLAY
8 PLU	0.000 0.000 2.23 0.00 FRIED POTATOES

2) Press the assigned **[PACK QUANTITY]** key (**e.g. [P18]**) to enter Function Call Mode.

*If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
18 PLU TERM	FUNCTION CALL ENTER: 0 ENTER PREPACK QUANTITY & PRESS PRINT KEY

3) Enter Pack Quantity by numeric key (**e.g.** 10) and save it.

KEY TO PRESS	DISPLAY
1 0 ✳	0.000 0.000 2.23 0.00 FRIED POTATOES

Note: Maximum 99 can be entering.

4) Place the product on platter (**e.g.** 1kg).

*The Label automatically issued after weight stable.

KEY TO PRESS	DISPLAY
	0.000 1.000 2.23 2.23 FRIED POTATOES PPK

5) Remove the product from platter and then place the product (**e.g.** 1kg) on platter to issue second label out.

*Repeat the step to weighing the next pack, until the 10 packs are weighed.

KEY TO PRESS	DISPLAY
	0.000 1.000 2.23 2.23 FRIED POTATOES PPK

Note: If you want to check the **balance of the pack quantity**, before last packed of label print out (in step 5), press **[CLEAR]** key, a message **" LABEL BALANCE xx"** will appears on the display for a second and return to Reg. Mode automatically. (Effective **SPEC 144** set to **"ENABLE"** in advance).

If an item is placed on the platter after the last pack, a message **"PLEASE SET LABEL QTY"** appears, if you want to print the label again, repeat the above steps.

6) After complete transaction, clear the PLU Data.

KEY TO PRESS	DISPLAY
C	**0.000 0.000 0.00 0.00** →0← PPK

Note: Press **[AUTO]** key back to Manual Mode.

[PRICE MARKDOWN] Function Key

This function key is used to get the desirable discounted total price temporarily by setting the fixed total price which is discounted from the original total price, when issuing item label, total label/receipt. If the PLU is called up again or a new PLU is called up, the function will be canceled. The formula is shown as follows.

TOTAL PRICE AFTER DISCOUNT = NEWLY ENTERED DISCOUNT TOTAL PRICE.

Note: Print Total Price Markdown on item Label can be set at **SPEC 83** (Please select 2 or 3).

Select print **Unit Price Markdown** on item label can be set at **SPEC 662 (1: UNIT RE-CALCULATION).**

If you want the Discount Price Up Date to PLU file, **SPEC 138** must set to **"UPDATE TO PLU"** in advance.

Note:

a) Prior to this operation**, [PRICE MARKDOWN]** Function should be assigned to Preset key in advance (**e.g.** Assign on Preset Keys number 19).

b) This function is effective in PREPACK MODE and MANUAL MODE.

c) This function is effective in Label and Receipt operations.

1. Weighing Item

1) At Stand-by-Status, call up PLU of FRIED POTATOES (**e.g.** PLU # 8).

KEY TO PRESS	DISPLAY
8 PLU	**0.000 0.000 2.23 0.00** FRIED POTATOES

2) Press the assigned **[PRICE MARKDOWN]** key (**e.g. [P19]**) to enter Discount Function Call Mode.

*If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
19 DP TERM P	FUNCTION CALL ENTER: 0.00 ENTER PRICE MARKDOWN & PRESS PRINT KEY

3) Enter Markdown Price (**e.g.** $2.99) and save it.

KEY TO PRESS	DISPLAY
2 9 9	FUNCTION CALL ENTER: 2.99 ENTER PRICE MARKDOWN & PRESS PRINT KEY
✳	**0.000 0.000 2.23 0.00** FRIED POTATOES ➜0➜ MAN

4) Place the product on platter (**e.g.** 2kg).

KEY TO PRESS	DISPLAY
	0.000 2.000 2.23 4.46 FRIED POTATOES MAN

5) Issue a label out.

KEY TO PRESS	DISPLAY
✳	PRICE DISCOUNT 2.99
	0.000 2.000 0.00 0.00 MAN

2. Non-Weighing Item

1) At Stand-by-Status, call up PLU of CHOCOLATE CAKE (**e.g.** PLU # 1) and then enter sale quantity (**e.g.** 3).

*If you want the Multiple Function available in **PRE-PACK MODE**, please set **SPEC 666** to **"ALLOW"** in advance.

KEY TO PRESS	DISPLAY
1 PLU	**4.50** CHOCOLATE CAKE
✕ 3	**3x 4.50= 13.50** CHOCOLATE CAKE

2) Press the assigned **[PRICE MARKDOWN]** key (**e.g. [P19]**) to enter Discount Function Call Mode.

*If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
DP TERM P	FUNCTION CALL ENTER: 0.00 ENTER PRICE MARKDOWN & PRESS PRINT KEY

3) Enter Markdown Price (**e.g.** $10.00) and save it.

KEY TO PRESS	DISPLAY
1 0 0 0	FUNCTION CALL ENTER: 10.00 ENTER PRICE MARKDOWN & PRESS PRINT KEY
✳	**3x 4.50= 13.50** CHOCOLATE CAKE

4) Issue a label out.

KEY TO PRESS	DISPLAY
✳	PRICE DISCOUNT 10.00
	0.000 0.000 0.00 0.00

[PRICE % MARKDOWN] Function Key

This function key is used to get the desirable discounted total price temporarily by setting the fixed percentage of the original total price when issuing item label, total label or receipt. If the PLU is called up again or a new PLU is called up, this function will be canceled. The formula is shown as follows.

TOTAL PRICE = ORIGINAL TOTAL PRICE x DISCOUNTED % VALUE.

Note: Print Total Price Markdown on item Label can be set at **SPEC 83** (Please select 2 or 3).

Select print **Unit Price Markdown** on item label can be set at **SPEC 662 (1: UNIT RE-CALCULATION).**

If you want the Discount Price Up Date to PLU file, **SPEC 138** must set to **"UPDATE TO PLU"** in advance.

> **Note:**
>
> a) Prior to this operation**, [PRICE % MARKDOWN]** Function should be assigned to Preset key in advance (**e.g.** Assign on Preset Keys number 20).
>
> b) This function is effective in PREPACK MODE and MANUAL MODE.
>
> c) This function is effective in Label and Receipt operations.

1. Weighing Item

1) At Stand-by-Status, call up PLU of FRIED POTATOES (**e.g.** PLU # 8).

KEY TO PRESS	DISPLAY
8 PLU	0.000 0.000 2.23 0.00 FRIED POTATOES

2) Press the assigned **[PRICE % MARKDOWN]** key (**e.g. [P20]**) to enter Discount Function Call Mode.

*If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
20/ST TERM 0	FUNCTION CALL ENTER: 0.00 ENTER PRICE % MARKDOWN & PRESS PRINT KEY

3) Enter Markdown % value (**e.g.** 90 %) and save it.

KEY TO PRESS	DISPLAY
9 0 0 0	FUNCTION CALL ENTER: 90.00 ENTER PRICE % MARKDOWN & PRESS PRINT KEY
✳	**0.000 0.000 2.23 0.00** FRIED POTATOES ＋0＋ MAN

4) Place the product on platter (**e.g.** 2 kg).

KEY TO PRESS	DISPLAY
	0.000 2.000 2.23 4.46 FRIED POTATOES MAN

5) Issue a label out.

KEY TO PRESS	DISPLAY
✳	PRICE DISCOUNT 4.01
	0.000 2.000 0.00 0.00 MAN

2. Non-Weighing Item

1) At Stand-by-Status, call up PLU of CHOCOLATE CAKE (**e.g.** PLU # 1) and then enter sale quantity (**e.g.** 3).

   *If you want the Multiple Function available in **PRE-PACK MODE**, please set **SPEC 666** to **"ALLOW"** in advance.

KEY TO PRESS	DISPLAY
1 PLU	**4.50** CHOCOLATE CAKE
✕ 3	**3x 4.50= 13.50** CHOCOLATE CAKE

2) Press the assigned **[PRICE % MARKDOWN]** key (**e.g. [P20]**) to enter Discount Function Call Mode.

   *If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
20/ST TERM Q	FUNCTION CALL ENTER: 0.00 ENTER PRICE % MARKDOWN & PRESS PRINT KEY

3) Enter Markdown % value (**e.g.** 95.00 %) and save it.

KEY TO PRESS	DISPLAY
9 5 0 0	FUNCTION CALL ENTER: 95.00 ENTER PRICE % MARKDOWN & PRESS PRINT KEY
✳	**3x 4.50= 13.50** CHOCOLATE CAKE

4) Issue a label out.

KEY TO PRESS	DISPLAY
✳	PRICE DISCOUNT 12.83
	0.000 0.000 0.00 0.00

[UNIT PRICE MARKDOWN] Function Key

This function key is used to get the desirable discounted unit price temporarily by setting the fixed unit price that is discounted from the original unit price, when issuing item label, total label/receipt. If the PLU is called up again or a new PLU is called up, the function will be canceled. The formula is shown as follows.

UNIT PRICE AFTER DISCOUNT = NEWLY ENTERED DISCOUNT UNIT PRICE

Note: Print Unit Price or Total Price Markdown on item Label can be set at **SPEC 83**.

If you want the Discount Price Up Date to PLU file, **SPEC 138** must set to **"UPDATE TO PLU"** in advance.

> **Note:**
>
> a) Prior to this operation**, [UNIT PRICE MARKDOWN]** Function should be assigned to Preset key in advance (**e.g.** Assign on Preset Keys number 21).
>
> b) This function is effective in PREPACK MODE and MANUAL MODE.
>
> c) This function is effective in Label and Receipt operations.

1. Weighing Item

1) At Stand-by-Status, call up PLU of FRIED POTATOES (**e.g.** PLU # 8).

KEY TO PRESS	DISPLAY
8 PLU	0.000　　0.000　　2.23　　0.00 FRIED POTATOES →0← MAN

2) Press the assigned **[UNIT PRICE MARKDOWN]** key (**e.g. [P21]**) to enter Discount Function Call Mode.

*If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
21/ 24H TERM R	FUNCTION CALL　　　ENTER:　　0.00 ENTER U. PRICE MARKDOWN & PRESS PRINT KEY

3) Enter Unit Price Markdown value (**e.g.** $1.99) and save it.

*Original Unit Price will automatically changes to Unit Price After Discount ($1.99).

KEY TO PRESS	DISPLAY
1 9 9	FUNCTION CALL ENTER: 1.99 ENTER U. PRICE MARKDOWN & PRESS PRINT KEY
✳	**0.000 0.000 1.99 0.00** FRIED POTATOES →0← MAN

4) Place the product on platter (**e.g.** 2kg).

KEY TO PRESS	DISPLAY
	0.000 2.000 1.99 3.98 FRIED POTATOES →0← MAN

5) Issue a label out.

KEY TO PRESS	DISPLAY
✳	**0.000 2.000 0.00 0.00** MAN

2. Non-Weighing Item

1) At Stand-by-Status, call up PLU of CHOCOLATE CAKE (**e.g.** PLU # 1) and press the assigned **[UNIT PRICE MARKDOWN]** key (**e.g. [P21]**) to enter Discount Function Call Mode.

   *If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
1 PLU	**4.50** CHOCOLATE CAKE
✳	FUNCTION CALL ENTER: 0.00 ENTER U. PRICE MARKDOWN & PRESS PRINT KEY

2) Enter Markdown Price (**e.g.** $3.99) and save it.

   *Original Unit Price will automatically changes to Unit Price After Discount ($3.99).

KEY TO PRESS	DISPLAY
3 9 9 ✳	**3.99** CHOCOLATE CAKE

3) Enter multiply mode and then enter sale quantity (**e.g.** 3) and then issue a label out.

   *If you want the Multiple Function available in **PRE-PACK MODE**, please set **SPEC 666** to **"ALLOW"** in advance.

KEY TO PRESS	DISPLAY
✕ **3**	**3x 3.99= 11.97** CHOCOLATE CAKE
✳	**0.000 0.000 0.00 0.00**

[UNIT PRICE % MARKDOWN] Function Key

This function key is used to get the desirable discounted unit price temporarily by setting fixed percentage of origin unit price, when issuing item label, total label or receipt. If the PLU is called up again or a new PLU is called up, this function will be canceled. The formula is shown as follows.

UNIT PRICE AFTER DISCOUNT = ORIGINAL UNIT PRICE x DISCOUNT % VALUE

Note: Print Unit Price or Total Price Markdown on item Label can be set at **SPEC 83**.

If you want the Discount Price Up Date to PLU file, **SPEC 138** must set to **"UPDATE TO PLU"** in advance.

> **Note:**
>
> a) Prior to this operation**, [UNIT PRICE % MARKDOWN]** Function should be assigned to Preset key in advance (**e.g.** Assign on Preset Keys number 22).
>
> b) This function is effective in PREPACK MODE and MANUAL MODE.
>
> c) This function is effective in Label and Receipt operations.

1. Weighing Item

1) At Stand-by-Status, call up PLU of FRIED POTATOES (**e.g.** PLU # 8).

KEY TO PRESS	DISPLAY
8 PLU	**0.000 0.000 2.23 0.00** FRIED POTATOES

2) Press the assigned **[UNIT PRICE % MARKDOWN]** key (**e.g. [P22]**) to enter Discount Function Call Mode.

   *If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
22/ ABC TERM S	FUNCTION CALL ENTER: 0.00 ENTER U. PRICE % MARKDOWN & PRESS PRINT KEY

3) Enter Markdown % value (**e.g.** 90.00 %) and save it.

*Original Unit Price will automatically changes to Unit Price After Discount ($2.01).

KEY TO PRESS	DISPLAY
9 **0** **0** **0**	FUNCTION CALL ENTER: 90.00 ENTER U. PRICE % MARKDOWN & PRESS PRINT KEY

✳	**0.000 0.000 2.01 0.00**
	FRIED POTATOES
	
	                                 →0←
	                                 MAN

4) Place the product on platter (**e.g.** 2kg).

KEY TO PRESS	DISPLAY
	0.000 2.000 2.01 4.02 FRIED POTATOES MAN

5) Issue a label out.

KEY TO PRESS	DISPLAY
✳	**0.000 2.000 0.00 0.00** MAN

2. Non-Weighing Item

1) At Stand-by-Status, call up PLU of CHOCOLATE CAKE (**e.g.** PLU # 1) and press the assigned **[UNIT PRICE % MARKDOWN]** key (**e.g. [P22]**) to enter Discount Function Call Mode.

   *If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
1 PLU	**4.50** CHOCOLATE CAKE
22/ABC TERM S	FUNCTION CALL ENTER: 0.00 ENTER U. PRICE % MARKDOWN & PRESS PRINT KEY

2) Enter Markdown % value (**e.g.** 95.00 %) and save it.

   *Original Unit Price will automatically changes to Unit Price After Discount ($4.28).

KEY TO PRESS	DISPLAY
9 5 0 0 ✱	**4.28** CHOCOLATE CAKE

3) Enter multiply mode and then enter sale quantity (**e.g.** 3) and issue a label out.

   *If you want the Multiple Function available in **PRE-PACK MODE**, please set **SPEC 666** to **"ALLOW"** in advance.

KEY TO PRESS	DISPLAY
✕ 3	**3x 4.28= 12.84** CHOCOLATE CAKE
✱	**0.000 0.000 0.00 0.00**

[UNIT PRICE STORE] Function Key

This function key is used to assign a new Unit Price for Weighing item and Non-weighing item in Registration mode. Once a new unit price is assigned with this function key, the unit price set in the PLU will be replaced with this new unit price permanently.

> **Note:**
>
> a) Prior to this operation, **[UNIT PRICE STORE]** Function should be assigned to Preset key in advance (**e.g.** Assign on Preset Keys number 23).
>
> b) This function is effective in PREPACK MODE and MANUAL MODE.

For example: Change the Unit Price of SLICED BACON from $4.99 to $3.99.

1) At Stand-by-Status, call up PLU of SLICED BACON (**e.g.** PLU # 6).

KEY TO PRESS	DISPLAY
6 PLU	**4.99** SLICED BACON →0← MAN

2) Enter new Unit Price (**e.g.** $3.99).

   *Please set **SPEC 42: Unit Price Override** to **ALLOW** in advance or using **[UNIT PRICE CHANGE]** function key to set the new unit price for the item.

KEY TO PRESS	DISPLAY
3 9 9	**3.99** SLICED BACON →0← MAN

3) Press the assigned **[UNIT PRICE STORE]** key (**e.g. [P23]**) to enter Function Call Mode.

   *If you want to escape function call mode, press **[TARE]** key.

KEY TO PRESS	DISPLAY
[23/T]	FUNCTION CALL UPDATE UNIT PRICE INTO PLU YES: CLEAR KEY / NO: TARE KEY

4) Update new Unit Price into PLU file.

KEY TO PRESS	DISPLAY
[C]	**3.99** SLICED BACON →0← MAN

5) Clear PLU data.

KEY TO PRESS	DISPLAY

[C]	**0.000 0.000 0.00 0.00**
	                                   →0←
	                                   MAN

6) Recall up PLU of SLICED BACON.

   *New Unit Price ($ 3.99) show on display.

KEY TO PRESS	DISPLAY
[6] [PLU]	**3.99** SLICED BACON →0← MAN

[PLACE] Function Key

This function key is used to select the desirable Place data to be printed on item label. If the PLU is called up again or a new PLU is called up, this function will be canceled. If the print area for Place is not programmed in the selected label format, Place data will be printed in the free room of 1st line of the Commodity Name print area.

Note:

a) Prior to this operation, **[PLACE]** Function should be assigned to Preset key in advance (**e.g.** Assign on Preset Keys number 24).

b) This function is effective in PREPACK MODE and MANUAL MODE for label printing.

c) The Place number has to be programmed in advance.

---

1) At Stand-by-Status, call up PLU of FRIED POTATOES (**e.g.** PLU # 8) and press the assigned **[PLACE]** key (**e.g. [P24]**) to enter Function Call Mode.

   *If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
8 PLU	**0.000 0.000 2.23 0.00** FRIED POTATOES →0← MAN
24	FUNCTION CALL ENTER: 0 ENTER PLACE NUMBER & PRESS PRINT KEY

2) Enter existing Place number (**e.g.** 1) and save it.

KEY TO PRESS	DISPLAY
1 ✳	**0.000 0.000 2.23 0.00** FRIED POTATOES →0← MAN

    Note: If selected label format or free room of Commodity printing area is **Insufficient Printing Space** for Place Data, a message **"PLACE INSUFF SPACE"** appears on the display when press **[PRINT]** key to store the data.

3) Place the product on platter (**e.g.** 2kg).

KEY TO PRESS	DISPLAY
	0.000 2.000 2.23 4.46 FRIED POTATOES MAN

4) Issues an item label with the selected Place data printed.

KEY TO PRESS	DISPLAY
✳	**0.000 2.000 0.00 0.00** MAN

[LABEL FORMAT 1] Function key

This function key is used to select the right format to issue 1ˢᵗ Item Label. This function key cannot select the format for Total Label. If the PLU is called up again or a new PLU is called up, this function will be canceled and the 1ˢᵗ label format will return to the original one selected in the PLU File.

Note:

a) Prior to this operation**, [LABEL FORMAT 1]** Function should be assigned to Preset key in advance (**e.g.** Assign on Preset Keys number 25).

b) This function is available for Label printing in Pre-pack Mode and MANUAL MODE.

1) At Stand-by-Status, call up PLU of FRIED POTATOES (**e.g.** PLU # 8) and press the assigned **[LABEL FORMAT 1]** key (**e.g. [P25]**) to enter Function Call Mode.

*If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
8 PLU	**0.000 0.000 2.23 0.00** FRIED POTATOES ➜0➜ MAN
25/ U	FUNCTION CALL ENTER: T8 ENTER LABEL FORMAT 1 DEFAULT

2) Enter existing Label Format Number (**e.g.** F1) by numeric key.

*You also can press Preset key number 7 or 8 to search the label format you want. For Label Format Number, please refer to Label Format List.

KEY TO PRESS	DISPLAY
1 7	FUNCTION CALL ENTER: 17 ENTER LABEL FORMAT 1 F1
*	**0.000 0.000 2.23 0.00** FRIED POTATOES ➜0➜ MAN

3) Place the product on platter (**e.g.** 2 kg).

KEY TO PRESS	DISPLAY
	0.000 2.000 2.23 4.46 FRIED POTATOES MAN

4) Issues an item label.

KEY TO PRESS	DISPLAY
	0.000 2.000 0.00 0.00 MAN

[LABEL FORMAT 2] Function key

This function key is used to select the right format to issue 2nd Item Label. This function key cannot select the format for Total Label. If the PLU is called up again or a new PLU is called up, this function will be canceled and the 2nd label format will return to the original one selected in the PLU File.

> **Note:**
>
> a) Prior to this operation**, [LABEL FORMAT 2]** Function should be assigned to Preset key in advance (**e.g.** Assign on Preset Keys number 26).
>
> b) This function is available for Label printing in Pre-pack Mode and MANUAL MODE.
>
> c) Only existing Free Format labels (F1 ~ F99) can be set in this function.

For example: Change label format 2 for FRIED POTATOES from NOT USED to F1.

1) At Stand-by-Status, call up PLU of FRIED POTATOES (**e.g.** PLU # 8) and press the assigned **[LABEL FORMAT 2]** key (**e.g. [P26]**) to enter Function Call Mode.

   *If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
8 PLU	**0.000 0.000 2.23 0.00** FRIED POTATOES
26	FUNCTION CALL ENTER: NON ENTER LABEL FORMAT 1 NON USED

2) Enter existing Free Format Number (**e.g.** F1) by numeric key.

   *You also can press Preset key number 7 or 8 to search the label format you want. For Label Format Number, please refer to Label Format List.

KEY TO PRESS	DISPLAY
1	FUNCTION CALL ENTER: 1 ENTER LABEL FORMAT 1 F1

3) Save the setting.

KEY TO PRESS	DISPLAY
✳	**0.000 0.000 2.23 0.00** FRIED POTATOES →0← MAN

4) Place the product on platter (**e.g.** 2 kg).

KEY TO PRESS	DISPLAY
	0.000 2.000 2.23 4.46 FRIED POTATOES MAN

5) Issues an item label.

KEY TO PRESS	DISPLAY
✳	**0.000 2.000 0.00 0.00** MAN

Note: Label Format 1 & 2 will be issues.

Automatic select between two label formats can be set at **SPEC 685**, if this Spec set to **ALLOW**, only one of the label format will be issue.

[PREPACK NON ADD] Function Key

This function key is used to issuing item labels and the transaction data will not updated to sales report in Pre-pack Mode. If this function is being activates, the function will be used for all of the PLU until press again the assigned **[PREPACK NON ADD]** key or switch to MANUAL MODE by press **[AUTO]** key to disable this function.

> **Note:**
>
> a) Prior to this operation**, [PREPACK NON-ADD]** Function should be assigned to Preset key in advance (**e.g.** Assign on Preset Keys number 27).
>
> b) This function is available for Label printing in Pre-pack Mode only.

1) At Stand-by Status, switch Manual Mode to Pre-pack Mode.

KEY TO PRESS	DISPLAY
AUTO	0.000 0.000 0.00 0.00 +O+ PPK

2) Press the assigned **[PREPACK NON-ADD]** key (**e.g. [P27]**) to Enable Pre-pack Non-Add operation.

KEY TO PRESS	DISPLAY
27/ H	0.000 0.000 0.00 0.00 +O+ PPK

> **Note:** For SM-720 Small LCD, the **"M"** indicator lights up when Pre-pack Non-Add function is enabling.

3) Call up PLU of CHOCOLATE CAKE (**e.g.** PLU # 1).

KEY TO PRESS	DISPLAY
1 PLU	4.50 CHOCOLATE CAKE +O+ PPK

4) Issue label out.

KEY TO PRESS	DISPLAY
✳	**4.50** CHOCOLATE CAKE

5) Stop issuing label out and clear the PLU data.

KEY TO PRESS	DISPLAY
C	**4.50** CHOCOLATE CAKE
C	**0.000 0.000 0.00 0.00**

6) Disable Pre-pack Non-Add operation.

   *If you want to back to Manual Mode, press **[AUTO]** key.

KEY TO PRESS	DISPLAY
27	**0.000 0.000 0.00 0.00**

Note: For SM-720 Small LCD, the **"M"** indicator "**OFF**" when Pre-pack Non-Add function is disable.

[MAIN GROUP NUMBER] Function Key

This function key is used for NON-PLU Item (**Manual Price Entry**) to select the right Main Group Number to be printed on item label temporarily when issuing item label, total label or receipt. If enter the New Price again or called up a PLU, this function will be canceled and the Main Group will return to the original Main Group number.

> **Note:**
>
> a) Prior to this operation, **[MAIN GROUP NUMBER]** Function should be assigned to Preset key in advance (**e.g.** Assign on Preset Keys number 28).
>
> b) This function is available for Label printing in Pre-pack Mode and Manual Mode.
>
> c) This function is effective in Label and Receipt operations.

1) At Stand-by Status, enter Unit Price (**e.g.** $1.23) for Non-PLU item.

   *To enable this function, **SPEC 23** must set to **ALLOW** in advance.

KEY TO PRESS	DISPLAY
1 2 3	0.000 0.000 1.23 0.00

2) Press the assigned **[MAIN GROUP NUMBER]** key (**e.g. [P28]**) to enter Function Call Mode.

   *If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
28 ST TOTAL X	FUNCTION CALL ENTER: 0 ENTER MAIN GROUP NUMBER

3) Enter existing Main Group Number (**e.g.** 1) for Non-PLU item and save it.

KEY TO PRESS	DISPLAY
1 ✳	0.000 0.000 1.23 0.00

4) Place the product on platter (**e.g.** 2 kg).

KEY TO PRESS	DISPLAY
	0.000 2.000 1.23 2.46 MAN

Note: If for Non-weighing Item, for one pack, just press **[PRINT]** key. If more than one packed, press **[X]** key and enter the sale quantity and then press **[PRINT]** key to print out a label.

5) Issues label out.

KEY TO PRESS	DISPLAY
✳	0.000 2.000 0.00 0.00 MAN

Note: The last 3 digits of the PLU Number (999**001**) printed on item label is the selected Main Group Number.

[MANUAL WEIGHT] Function key

This function key is used to set Weight Data by entering numeric key for Weighing Item to issuing item label in PRE-PACK MODE.

> **Note:**
>
> a) Prior to this operation, **[MANUAL WEIGHT]** Function should be assigned to Preset Key in advance (**e.g.** Assign on Preset Keys number 31).
>
> b) This function is available for Item Label printing in Pre-pack Mode only.

1) At Pre-pack Mode, call up PLU of FRIED POTATOES (**e.g.** PLU # 8).

KEY TO PRESS	DISPLAY
8 PLU	0.000 0.000 2.23 0.00 FRIED POTATOES

2) Press the assigned **[SET MANUAL WEIGHT]** key (**e.g. [P31]**) to enter Function Call Mode.
   *If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
31/ SPACE	FUNCTION CALL ENTER: 0.000 ENTER WEIGHT & PRESS PRINT KEY

3) Enter Weight value (**e.g.** 1kg) and save it.

   *Max. 99.999kg can be entering.

KEY TO PRESS	DISPLAY
1 0 0 0 *	0.000 1.000 2.23 2.23 FRIED POTATOES

Note: If you want to change the Weight Data, press **[CLEAR]** key to clear the weight data and then press the **[SET MANUAL WEIGHT]** key & set new weight data.

If call up item with PLU Tare setting, the tare value will temporaly clear after exit from function call.

4) Issue label out.

*Label print by press **[PRINT]** key only.

KEY TO PRESS	DISPLAY
✳	**0.000 1.000 2.23 2.23** FRIED POTATOES

5) Clear weight data.

KEY TO PRESS	DISPLAY
C	**0.000 0.000 2.23 0.00** FRIED POTATOES

6) Clear PLU data.

KEY TO PRESS	DISPLAY
C	**0.000 0.000 0.00 0.00**

[ITEM CODE] Function Key

This function key is used to enter new Item Code to be printed on item label temporarily when issuing item label. If the PLU is selected again or a new PLU is called up, this function will be canceled and the item code will return to the original one selected in PLU programming mode.

> **Note:**
>
> a) Prior to this operation, **[ITEM CODE]** Function should be assigned to Preset Key in advance (**e.g.** Assign on Preset Keys number 32).
>
> b) This function is available for Item Label printing in Pre-pack Mode and Manual Mode.

1) At Stand-by status, call up PLU of FRIED POTATOES (**e.g.** PLU # 8) and press the assigned **[ITEM CODE]** key (**e.g. [P32]**) to enter Function Call Mode.

   *If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
8 PLU	**0.000 0.000 2.23 0.00** FRIED POTATOES →0← MAN
32	FUNCTION CALL ENTER: 00000 ENTER ITEM CODE & PRESS PRINT KEY

2) Enter new Item Code (**e.g.** 02222) and save it.

   *The Digits of Item Code is depending on Item Barcode Type set in PLU File.

KEY TO PRESS	DISPLAY
2 2 2 2	FUNCTION CALL ENTER: 02222 ENTER ITEM CODE & PRESS PRINT KEY
✳	**0.000 0.000 2.23 0.00** FRIED POTATOES →0← MAN

3) Place the product on platter (**e.g.** 2 kg).

KEY TO PRESS	DISPLAY
	0.000 2.000 2.23 4.46 FRIED POTATOES `MAN`

4) Issues label out.

KEY TO PRESS	DISPLAY
✳	**0.000 2.000 0.00 0.00** `MAN`

[SWITCH KEY] Function Key

This function key is used to switch the Unit Price of Weighing Item can use for Price of Non-weighing Item and vice versa.

For example: Sell 2 packs of FRIED POTATOES (Unit Price of Weight Item use for Price of Non-Weight Item) and Sell 1.5kg of CHOCOLATE CAKE (Price of Non-Weight Item use for Unit Price of Weight Item).

1) At Stand-by status, call up PLU of FRIED POTATOES (**e.g.** PLU # 8) and then press the assigned **[SWITCH KEY]** key (**e.g. [P35]**) to change it to Non-Weight Item Mode.

KEY TO PRESS	DISPLAY
[8] [PLU]	**0.000 0.000 2.23 0.00** FRIED POTATOES
[35/3]	**2.23** FRIED POTATOES

2) Enter sale quantity by numeric key (**e.g.** 2).

   *If you want the Multiple Function available in **PRE-PACK MODE**, please set **SPEC 666** to **"ALLOW"** in advance.

KEY TO PRESS	DISPLAY
[×] [2]	**2x 2.23= 4.46** FRIED POTATOES

3) Issues label out.

KEY TO PRESS	DISPLAY
✻	**0.000 0.000 0.00 0.00** ⊕O⊕ MAN

4) Call up product of CHOCOLATE CAKE (**e.g.** PLU # 1) and then press the assigned **[SWITCH KEY]** key (**e.g. [P35]**) to change it to Weight Item Mode.

KEY TO PRESS	DISPLAY
1 PLU	**4.50** CHOCOLATE CAKE ⊕O⊕ MAN
35/3	**0.000 0.000 4.50 0.00** CHOCOLATE CAKE ⊕O⊕ MAN

5) Place the product on platter (**e.g.** 1.5 kg) and then issue a label out.

KEY TO PRESS	DISPLAY
	0.000 1.500 4.50 6.75 CHOCOLATE CAKE MAN
✻	**0.000 1.500 0.00 0.00** MAN

[REFERENCE PLU] Function Key

This function key is used to called up a PLU is link to another PLU file in Registration Mode.

> **Note:**
>
> a) Prior to this operation, **[REFERENCE PLU]** Function should be assigned to Preset Key in advance (**e.g.** Assign on Preset Keys number 37).
>
> b) This function is effective in PREPACK MODE and MANUAL MODE.
>
> c) This function is effective in Label and Receipt operations.
>
> d) The Reference PLU Number has to be programmed in PLU Programming File in advance.

For example: In item of BEEF SIRLOIN (PLU No. 10) programming file, the Reference PLU Number is PLU No. 9 (Roast Beef).

1) At Stand-by status, call up PLU of BEEF SIRLOIN (PLU # 10).

KEY TO PRESS	DISPLAY
1 ○ PLU	**0.000 0.000 1.23 0.00** BEEF SIRLOIN

2) Press the assigned **[REFERENCE PLU]** key (**e.g. [P37]**) to call up PLU # 9.

KEY TO PRESS	DISPLAY
37/ 5	**0.000 0.000 0.56 0.00** Roast Beef

Note: If the Reference PLU Number is Not Exist, a message "PLU NOT EXIST" will appear when press the assigned **[REFERENCE PLU]** key.

[PRINT KEY] Function Key

This function key is same as **[PRINT]** key operation in Registration Mode and Accumulation Mode.

1) At Stand-by Status, call up product of CHOCOLATE CAKE (**e.g.** PLU # 1).

KEY TO PRESS	DISPLAY
1 PLU	**4.50** CHOCOLATE CAKE

2) Issues label out by press the assigned **[PRINT KEY]** key (**e.g. [P38]**).

KEY TO PRESS	DISPLAY
38/ 6	**0.000 0.000 0.00 0.00**

[PLU REPEAT] Function Key

This function key is used to Re-call the PLU automatically after label issue in MANUAL MODE. When this function key been press and then called up a PLU, the PLU Data will remain on the display and press **[PRINT]** key to issue a label, until Press Preset Key number 1 while depressing **[RE-ZERO]** key to disable it.

Note: To use this function key, **SPEC 630** and **SPEC 633** must be set to **"INHIBIT"** in advance.

Note:

a) Prior to this operation, **[PLU REPEAT]** Function should be assigned to Preset Key in advance (**e.g.** Assign on Preset Keys number 39).

b) This function is effective in MANUAL MODE for label printing.

---

1) At Stand-by Status, enable PLU repeat operation by press the assigned **[PLU REPEAT]** key (**e.g.** **[P39]**) and then call up product of FRIED POTATOES (**e.g.** PLU # 8).

KEY TO PRESS	DISPLAY
[39/7 &] [8] [PLU]	0.000 0.000 2.23 0.00 FRIED POTATOES →0← MAN

2) Place the product on platter (**e.g.** 2 kg) and then issues label out.

*The PLU Data will remain on the display after printing.

KEY TO PRESS	DISPLAY
	0.000 2.000 2.23 4.46 FRIED POTATOES MAN
[✳]	0.000 2.000 2.23 4.46 FRIED POTATOES MAN

3) After completed issuing label, remove the product from platter and then disable PLU Repeat operation by press Preset Key number 1 while depressing **[RE-ZERO]** key.

KEY TO PRESS	DISPLAY
→0← + 1 MG DAILY A	0.000 0.000 0.00 0.00 →0← MAN

[FLAG CODE] Function Key

This function key is used to set the right Flag Code to be printed on item label temporarily when issuing item label. If the PLU is selected again or a new PLU is called up, this function will be canceled and the flag code will return to the original one selected in PLU programming mode. Flag Code (F1) not printed on item barcode if **SPEC 13** is set to **"NO PRINT"**.

> **Note:**
>
> a) Prior to this operation, **[FLAG CODE]** Function should be assigned to Preset Key in advance (**e.g.** Assign on Preset Keys number 40).
>
> b) This function is effective in PREPACK MODE and MANUAL MODE for label printing.

1) At Stand-by status, call up PLU of FRIED POTATOES (**e.g.** PLU # 8) and press the assigned **[FLAG CODE]** key (**e.g. [P40]**) to enter Function Call Mode.

   *If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
8 PLU	0.000　0.000　2.23　0.00 FRIED POTATOES
40	FUNCTION CALL　ENTER:　00 ENTER FLAG CODE AND PRESS PRINT KEY

   Note: The Digits of Flag Code is depending on Item Barcode Type set in PLU File.

2) Enter new Flag Code (**e.g.** 22) and save it.

KEY TO PRESS	DISPLAY
2 2	FUNCTION CALL　ENTER:　22 ENTER FLAG CODE AND PRESS PRINT KEY
*	0.000　0.000　2.23　0.00 FRIED POTATOES

3) Place the product on platter (**e.g.** 2 kg).

KEY TO PRESS	DISPLAY
	0.000 2.000 2.23 4.46 FRIED POTATOES MAN

4) Issues label out.

KEY TO PRESS	DISPLAY
✳	**0.000 2.000 0.00 0.00** MAN

[CASH DRAWER OPEN] Function Key

This function key is used to open the Cash Drawer with out Sales Transaction in Registration Mode and the opening count will updated to Clerk Report.

> **Note:**
>
> a) Prior to this operation, **[NO SALES FUNC]** Function should be assigned to Preset Key in advance (**e.g.** Assign on Preset Keys number 41).
>
> b) This function is effective in PREPACK MODE and MANUAL MODE.

1) At Stand-by Status, press the assigned **[CASH DRAWER OPEN]** key (**e.g. [P41]**) to enter Function Call Mode.

  *Press ANY key to escape function call mode except CLERK key.

KEY TO PRESS	DISPLAY
41/ 8 *	FUNCTION CALL PRESS CLERK KEY TO OPEN CASH DRAWER

2) Designate the Clerk key (**e.g. [+A]**).

  *The Cash Drawer Open after press a Clerk Key.

KEY TO PRESS	DISPLAY
+A	0.000 0.000 0.00 0.00 +0+ MAN

280

[TAX INFORMATION] Function Key

This function key is used to select print Tax Information on receipt paper in Accumulation Mode or Change Mode.

> **Note:**
>
> a) Prior to this operation, **[TAX INFORMATION]** Function should be assigned to preset key in advance (**e.g.** Assigned on Preset Key number 42).

1) At Stand-by status, call up PLU of FRIED POTATOES (**e.g.** PLU # 8) and place the product on platter (**e.g.** 2 kg), designate the Clerk key (**e.g.** Clerk **[+A]**).

KEY TO PRESS	DISPLAY
8 PLU	**0.000 2.000 2.23 4.46** FRIED POTATOES MAN
+A	CLERK NO:9995 # OF ITEMS: 1 PRICE : 4.46

2) Select "**PRINT**" Tax Information on receipt and issue receipt out.

   *If not necessary to print Tax Information on receipt, skip this step.

KEY TO PRESS	DISPLAY
42/ 9	RECEIPT WITH TAX INFO
	CLERK NO:9995 # OF ITEMS: 1 PRICE : 4.46
✳	**0.000 2.000 0.00 0.00** MAN

[UNIT PRICE OVERRIDE PASSWORD] Function Key

This function key is used for direct unit price override by enter the password code before set the new unit price for the individual PLU. If the PLU is called up again or a new PLU is called up, this function will be canceled and the Unit Price will return to the original Unit Price in PLU programming mode.

> **Note:**
>
> a) Prior to this operation, **[UP OVERRIDE PASSWORD]** Function should be assigned to preset key in advance (**e.g.** Assigned on Preset Key number 43).
>
> b) This function is for Individual PLU of Direct Unit Price Override only.
>
> c) The Password Code of Password Setting must program in advance.

For example: To Call Up PLU for HOT CHIPS (Unit Price = $ 2.50) and change it to $ 1.99.

1) At Stand-by status, call up PLU of HOT CHIPS (**e.g.** PLU # 4) and press the assigned **[UP OVERRIDE PASSWORD]** key (**e.g. [P43]**) to enter Function Call Mode.

   *If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
4 PLU	0.000 0.000 2.50 0.00 HOT CHIPS →0← MAN
43/ 0 >	FUNCTION CALL ENTER: 0 ENTER UP OVERRIDE PASSWORD AND PRESS PRT KY

   Note: For PLUs are **Not Allow Unit Price Override**, **No Function** when press this function key.

2) Enter Password Code (**e.g.** 444).

KEY TO PRESS	DISPLAY
4 4 4 *	0.000 0.000 2.50 0.00 HOT CHIPS →0← MAN

3) Enter new Unit Price (**e.g.** $1.99).

KEY TO PRESS	DISPLAY
1 **9** **9**	**0.000 0.000 1.99 0.00** HOT CHIPS →0← MAN

4) Place the product on platter (**e.g.** 2 kg).

KEY TO PRESS	DISPLAY
	0.000 2.000 1.99 3.98 HOT CHIPS MAN

5) Issue a label.

KEY TO PRESS	DISPLAY
✳	**0.000 2.000 0.00 0.00** MAN

[1/2 PRICE KEY] Function key

This function key is used to change original Unit Price to 2nd PRICE when issuing item label, total label or receipt. If the PLU without program **2nd Price** data, the Half of the Original Unit Price will be used when press this Function Key. If the PLU is called up again or a new PLU is called up, the function will be canceled.

In Pre-pack Mode, if **[1/2 PRICE KEY]** function key is pressed after called up a PLU, the half of the original quantity set in PLU File will printed on item label.

Note:

a) Prior to this operation, **[1/2 PRICE KEY]** Function should be assigned to Preset Key in advance (**e.g.** Assigned on Preset Key number 45).

b) This function is available for Label printing in Pre-pack Mode and MANUAL MODE.

c) This function is effective in Label and Receipt operations.

For example: Set followings for PLU of CHOCOLATE CAKE in PLU Programming mode.
UNIT PRICE = 4.50/PCS, 2ND PRICE = 2.50 and QTY = 3.

1) At Stand-by status, call up product of CHOCOLATE CAKE (**e.g.** PLU # 1) and then press **[1/2 PRICE KEY]** key (**e.g. [P45]**).

*2ND Price value program in PLU file will appear on Display.

KEY TO PRESS	DISPLAY
1 PLU	**4.50** CHOCOLATE CAKE
45 ;	**2.50** CHOCOLATE CAKE

2) Issue label out.

KEY TO PRESS	DISPLAY
✳	**0.000 0.000 0.00 0.00**

[CHEQUE TENDER KEY] Function Key

This function is to calculate the change when a clerk received Cheque payment during transaction. The amount of Cheque payment will printed on receipt paper and update to Store Daily Report.

> **Note:**
>
> a) Prior to this operation, **[CHEQUE TENDER KEY]** Function should be assigned to Preset Key in advance (**e.g.** Assigned on Preset Key number 46).
>
> b) This Function is effective in CHANGE CALCULATION MODE.

1) At Stand-by status, call up PLU of HERB CHEESE (**e.g.** PLU # 3) and place the product on platter (**e.g.** 5 kg).

KEY TO PRESS	DISPLAY
3 PLU	**0.000 5.000 5.00 25.00** HERB CHEESE MAN

2) Designate the Clerk key (**e.g.** Clerk **[+A]**).

KEY TO PRESS	DISPLAY
+A	CLERK NO:9995 # OF ITEMS: 1 PRICE : 25.00

3) Enter Change Calculation Mode.

  *Back to Add Mode, press **[CLEAR] [CLEAR]** key.

KEY TO PRESS	DISPLAY
◇	TENDER: 25.00

4) Press the assigned **[CHEQUE TENDER KEY]** key (**e.g. [P46]**).

KEY TO PRESS	DISPLAY
[46]	TENDER: 0.00

5) Issue a receipt or total label for customer.

KEY TO PRESS	DISPLAY
[✳]	CHANGE: 0.00

6) Remove the product from platter and return to Stand-by Status.

   *Automatic exit from **CHANGE Mode** can be select at **SPEC 16.**

KEY TO PRESS	DISPLAY
[C]	0.000 0.000 0.00 0.00
	→0←
	MAN

[VOUCHER TENDER KEY] Function Key

This function is to calculate the change when a clerk received Voucher payment during transaction. The amount of Voucher payment will printed on receipt paper and update to Store Daily Report.

> **Note:**
>
> a) Prior to this operation, **[VOUCHER TENDER KEY]** Function should be assigned to Preset Key in advance (**e.g.** Assigned on Preset Key number 47).
>
> b) This Function is effective in CHANGE CALCULATION MODE.

Continuous Step 3 of **[CHEQUE TENDER KEY]** *Function Key.*

KEY TO PRESS	DISPLAY
	TENDER: 25.00

1) Press the assigned **[VOUCHER TENDER KEY]** key (**e.g. [P47]**).

KEY TO PRESS	DISPLAY
47/ INS	TENDER: 0.00

> **Note:** If the payment needed Cash to top up, enter the Voucher amount then press the **[VOUCHER TENDER KEY]** key, and the cash top up amount will appear on the display. After enter the Cash received, press **[PRINT]** key to issue a receipt.

2) Issue a receipt or total label for customer and remove the product from platter, then return to Stand-by Status.

> *Automatic exit from **CHANGE Mode** can be select at **SPEC 16.***

KEY TO PRESS	DISPLAY
✳	CHANGE: 0.00
C	0.000 0.000 0.00 0.00 ◆0◆ MAN

[CREDIT KEY] Function Key

This function is to calculate the change when a clerk received Credit card payment during transaction. The amount of Credit Card payment will printed on receipt paper and update to Store Daily Report.

> **Note:**
>
> a) Prior to this operation, **[CREDIT KEY]** Function should be assigned to Preset Key in advance (**e.g.** Assigned on Preset Key number 50).
>
> b) This Function is effective in CHANGE CALCULATION MODE.

Continuous step 3 of **[CHEQUE TENDER KEY]** *Function Key.*

KEY TO PRESS	DISPLAY
	TENDER: 25.00

1) Press the assigned **[CREDIT KEY]** key (**e.g. [P50]**).

KEY TO PRESS	DISPLAY
[50/ +]	TENDER: 0.00

2) Issue a receipt or total label for customer and remove the product from platter, then return to Stand-by Status.

   *Automatic exit from **CHANGE Mode** can be select at **SPEC 16.***

KEY TO PRESS	DISPLAY
[✳]	CHANGE: 0.00
[C]	0.000 0.000 0.00 0.00

[DIRECT DISCOUNT] Function Key

This function key is used to select Original Unit Price, 1st or 2nd limit of PLU Discount (For PLU Unit Price or Unit Price % discounts only) in Registration Mode and the Unit Price of weighing item to use for Price of non-weighing item and vice versa.
Note: To use this function key, please set **SPEC 41** to **ALLOW.**

> **Note:**
>
> a) Prior to this operation, **[DIRECT DISCOUNT]** Function should be assigned to Preset Key in advance (**e.g.** Assigned on Preset Key number 48).
>
> b) This function is available for Label printing in Pre-pack Mode and MANUAL MODE.
>
> c) This function is effective in Label and Receipt operations.

For example: Sell 2 packs ($3.00/PCS) of HERB CHEECE. (Unit Price discount for 1st limit is $4.00 & Min Weight is 1kg, and 2nd limit is $3.00 & Min Weight is 2 kg)

And Sell 2kg (10% of Unit Price Discount) of Sliced Bacon (Unit Price % discount for 1st limit is 10% & Min Qty is 5 Pcs, & 2nd limit is 15% & Min Qty is 20 Pcs).

1) At Stand-by status, call up PLU of HERB CHEECE (**e.g.** PLU # 3).

KEY TO PRESS	DISPLAY
[3][PLU]	0.000 0.000 5.00 0.00 HERB CHEESE

2) Select 2nd limit discount price.

*Unit Price will changes to 2nd Unit Price Discount Amount ($3.00).

KEY TO PRESS	DISPLAY
[48/LETTER SIZE][48/LETTER SIZE]	0.000 0.000 3.00 0.00 HERB CHEESE

Note: You can select the Unit Price by press the assigned **[DIRECT DISCOUNT]** key. The Data processing as following:

→ Original Unit Price → 1st limit discount Unit Price amount → 2nd limit discount Unit Price amount ⌐

3) Enter sale quantity (**e.g.** 2) and then issue a label for customer.

KEY TO PRESS	DISPLAY
✕ 2	**2x 3.00= 6.00** HERB CHEESE →0← MAN
✳	**0.000 0.000 0.00 0.00** →0← MAN

> **Note:** If you want the Multiple Function available in **PRE-PACK MODE**, please set **SPEC 666** to **"ALLOW"** in advance.

4) Call up product of Sliced Bacon (**e.g.** PLU # 6) and then select 1st limit discount price.

KEY TO PRESS	DISPLAY
6 PLU	**0.000 0.000 4.99 0.00** SLICED BACON →0← MAN
48/ LETTER SIZE	**0.000 0.000 4.49 0.00** SLICED BACON →0← MAN

5) Place the product on platter (**e.g.** 2 kg) and then issue a label for customer.

KEY TO PRESS	DISPLAY
✳	**0.000 2.000 0.00 0.00** MAN

[INGREDIENT] Function key

This function key is used to select the desirable master Ingredient data to be printed on item label at Registration Mode. If the PLU is called up again or a new PLU is called up, this function will be canceled.

> **Note:**
>
> a) Prior to this operation, **[INGREDIENT]** Function should be assigned to Preset Key in advance (**e.g.** Assign to Preset Key number 49).
>
> b) This function is available for Label printing in Pre-pack Mode and MANUAL MODE.
>
> c) Ingredient Number has to be programmed in advance.

1) At Stand-by-Status, call up PLU of FRIED POTATOES (**e.g.** PLU # 8) and enter Ingredient function call mode.

   *If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
8 PLU	0.000　0.000　2.23　0.00 FRIED POTATOES
49 −	FUNCTION CALL　ENTER:　0 ENTER INGREDIENT# AND PRESS PRINT KEY

2) Enter existing Ingredient Number you want (**e.g.** 1) and save it.

KEY TO PRESS	DISPLAY
1 *	0.000　0.000　2.23　0.00 FRIED POTATOES

Note: If selected Item label format without Print Area for Ingredient Data, a message " **INSUFFICIENT SPACE**" will appears when press **[PRINT]** key if **SPEC 264: PRINT INGREDIENT DATA ON THE NEXT LABEL** is set to **DISABLE**.

If this **Spec 264** set to **ENABLE**, the ingredient data will print on the next label when selected item label without print area or insufficient space for Ingredient data.

3) Place the product on platter (**e.g.** 1kg).

KEY TO PRESS	DISPLAY
	0.000 1.000 2.23 2.23 FRIED POTATOES MAN

4) Issue a label out.

KEY TO PRESS	DISPLAY
✳	**0.000 1.000 0.00 0.00** MAN

[BATCH FILE PRINT] Function Key

This function key is used to print a series of item label with different PLUs (For Non-Weighing Item only) at One time in PRE-PACK MODE. To use this function key, **Spec 29** must set to **"ALLOW"** in advance.

> **Note:**
>
> a) Prior to this operation, **[BATCH FILE PRT]** Function should be assigned to Preset Key in advance (**e.g.** Assign to Preset Key number 56).
>
> b) This function is effective in PRE-PACK MODE.
>
> c) The Job Batch Schedule has to be programmed in advance.

For example: Program 10 labels for PLU No. 1 and 50 labels for PLU No. 15 in Job Batch File.

1) At Pre-pack Mode, press the assigned **[BATCH FILE PRT]** key (**e.g. [P56]**).

KEY TO PRESS	DISPLAY
⬛ 56/ DEL	**4.00** CHOCOLATE CAKE +0+ PPK

> **Note:** If new Price Change set in Batch File for PLU No. 1 (**e.g.** $4.00), the new Price will display and temporally print on label.

2) Start issue label out.

*If you want to stop printing, press **[CLEAR]** key, to continuous printing press **[PRINT]** key.

KEY TO PRESS	DISPLAY
✳	**4.00** CHOCOLATE CAKE +0+ PPK

3) After completed issue label for CHOCOLATE CAKE, the PLU # 15 data will appear on display automatically and start issue label without pressing **[PRINT]** key.

KEY TO PRESS	DISPLAY
	2.00 SMOKED SAUSAGE

Note: If you want one by one printout Job Batch number by press **[PRINT] key**, during program Job Batch file, select **"YES"** for **PRINT BATCH PER PLU.**

4) After completed issue 50 labels for SMOKED SAUSAGE (The last Item Data will remain on display).

KEY TO PRESS	DISPLAY
	2.00 SMOKED SAUSAGE

5) Clear the PLU data.

*If want back to Manual Mode, press **[AUTO]** key.

KEY TO PRESS	DISPLAY
C C	**0.000 0.000 0.00 0.00**

[BORN COUNTRY] Function Key

This function key is used to change Born Country temporally for Traceability Information of Beef Item print on Item Label. The print area for the items (Traceability Information) must be program in Free Format in advance. If the PLU is called up again or a new PLU is called up, this function will be canceled and the Born Country will return to the original one selected Traceability Number in PLU file.

Note:

a) Prior to this operation, **[BORN COUNTRY]** Function should be assigned to Preset Key in advance (**e.g.** Assign to Preset Key number 1).

b) This function is available for Label printing in Pre-pack Mode and MANUAL MODE.

c) This function also effective in Receipt operations when SPEC 315 set to YES.

d) The Country Name has to be programmed in advance.

e) In PLU Programming File, the Traceability Setting must be set to PRINT in advance.

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1) At Stand-by Status, call up PLU of BEEF STEAK (**e.g.** PLU # 50).

KEY TO PRESS	DISPLAY
5 0 PLU	0.000 0.000 4.35 0.00 BEEF STEAK

2) Press the assigned **[BORN COUNTRY]** key (**e.g. [P1]**) to enter Function Call Mode.

*If you want to escape function call mode, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
	TRACEABILITY FUNCTION CALL ENTER BORN COUNTRY # 56

Note: The current Born Country Number appears on display.

3) Enter existing Country Number (**e.g.** 36) and save it.

KEY TO PRESS	DISPLAY
3 **6** **✳**	**0.000 0.000 4.35 0.00** BEEF STEAK →0← MAN

4) Place the product on platter (**e.g.** 2kg).

KEY TO PRESS	DISPLAY
	0.000 2.000 4.35 8.70 BEEF STEAK MAN

5) Issue label out.

KEY TO PRESS	DISPLAY
✳	**0.000 2.000 0.00 0.00** MAN

[FATTEN COUNTRY] Function Key

This function key is used to change Fatten Country temporally for Traceability Information of Beef Item print on Item Label. The print area for the items (Traceability Information) must be program in Free Format in advance. If the PLU is called up again or a new PLU is called up, this function will be canceled and the Fatten Country will return to the original one selected Traceability Number in PLU file.

> **Note:**
>
> a) Prior to this operation, **[FATTEN COUNTRY]** Function should be assigned to Preset Key in advance (**e.g.** Assign to Preset Key number 2).
>
> b) This function is available for Label printing in Pre-pack Mode and MANUAL MODE.
>
> c) This function also effective in Receipt operations when SPEC 315 set to YES.
>
> d) The Country Name has to be programmed in advance.
>
> e) In PLU Programming File, the Traceability Setting must be set to PRINT in advance.

1) At Stand-by Status, call up PLU of BEEF STEAK (**e.g.** PLU # 50).

KEY TO PRESS	DISPLAY
[5][0][PLU]	0.000 0.000 4.35 0.00 BEEF STEAK

2) Press the assigned **[FATTEN COUNTRY]** key (**e.g. [P2]**) to enter Function Call Mode.

   *If you want to escape function call mode, press **[CHANGE]** key follow by [**CLEAR**] key.

KEY TO PRESS	DISPLAY
[2/PLU DAILY B]	TRACEABILITY FUNCTION CALL ENTER FATTEN COUNTRY # 56

   Note: The current Fatten Country Number appears on display.

3) Enter existing Country Number (**e.g.** 36) and save it.

KEY TO PRESS	DISPLAY
3 6 ✳	**0.000 0.000 4.35 0.00** BEEF STEAK →0← MAN

4) Place the product on platter (**e.g.** 2kg).

KEY TO PRESS	DISPLAY
	0.000 2.000 4.35 8.70 BEEF STEAK MAN

5) Issue label out.

KEY TO PRESS	DISPLAY
✳	**0.000 2.000 0.00 0.00** MAN

[SLAUGHTER HOUSE] Function Key

This function key is used to change Slaughter House and Slaughter House Country temporally for Traceability Information of Beef Item print on Item Label. The print area for the items (Traceability Information) must be program in Free Format in advance. If the PLU is called up again or a new PLU is called up, this function will be canceled and the Slaughter House and Slaughter House Country will return to the original one selected Traceability Number in PLU file.

Note: To print Slaughter House Code or Name on Label can be select at **SPEC 260.**

Note:

a) Prior to this operation, **[SLAUGHTER HOUSE]** Function should be assigned to Preset Key in advance (**e.g.** Assign to Preset Key number 3).

b) This function is available for Label printing in Pre-pack Mode and MANUAL MODE.

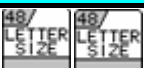c) This function also effective in Receipt operations when **SPEC 315** set to YES.

d) The Slaughter House Number and Country Number have to be programmed in advance.

e) In PLU Programming File, the Traceability Setting must be set to PRINT in advance.

---

1) At Stand-by Status, call up PLU of BEEF STEAK (**e.g.** PLU # 50).

KEY TO PRESS	DISPLAY
5 0 PLU	0.000 0.000 4.35 0.00 BEEF STEAK →0← MAN

2) Press the assigned **[SLAUGHTER HOUSE]** key (**e.g. [P3]**) to enter Function Call Mode.

   *If you want to escape function call mode, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
3 DP DAILY C	TRACEABILITY FUNCTION CALL ENTER SLAUGTHER HOUSE # 56

  Note: The current Slaughter House Number appears on display.

3) Enter existing Slaughter House No (**e.g.** 53) and go to next selection.

*Back to previous step, press **[-]** key.

KEY TO PRESS	DISPLAY
5 3 ✳	TRACEABILITY FUNCTION CALL LNK COUNTRY#:0724 ENTER SLAUGTHER HOUSE COUNTRY #　　56

Note: The current Slaughter Country Number appears on display.

4) Enter existing Country Number (**e.g.** 36) and save it.

KEY TO PRESS	DISPLAY
3 6 ✳	**0.000　0.000　4.35　0.00** BEEF STEAK ＋0＋ MAN

Note: If the Slaughter House Country Number set to 0, the Slaughter Data will not printed on label or Receipt.

5) Place the product on platter (**e.g.** 2kg).

KEY TO PRESS	DISPLAY
	0.000　2.000　4.35　8.70 BEEF STEAK MAN

6) Issue label out.

KEY TO PRESS	DISPLAY
✳	**0.000　2.000　0.00　0.00** MAN

[CUTTING HALL] Function Key

This function key is used to change Cutting Hall and Cutting Hall Country temporally for Traceability Information of Beef Item print on Item Label. The print area for the items (Traceability Information) must be program in Free Format in advance. If the PLU is called up again or a new PLU is called up, this function will be canceled and the Cutting Hall and Cutting Hall Country will return to the original one selected Traceability Number in PLU file.

> **Note:**
>
> a) Prior to this operation, **[CUTTING HALL]** Function should be assigned to Preset Key in advance (**e.g.** Assign to Preset Key number 4).
>
> b) This function is available for Label printing in Pre-pack Mode and MANUAL MODE.
>
> c) This function also effective in Receipt operations when **SPEC 315** set to YES.
>
> d) The Cutting Hall Number and Country Number have to be programmed in advance.
>
> e) In PLU Programming File, the Traceability Setting must be set to PRINT in advance.

1) At Stand-by Status, call up PLU of BEEF STEAK (**e.g.** PLU # 50).

KEY TO PRESS	DISPLAY
[5][0] [PLU]	**0.000 0.000 4.35 0.00** BEEF STEAK

2) Press the assigned **[CUTTING HALL]** key (**e.g. [P4]**) to enter Function Call Mode.

   *If you want to escape function call mode, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
[4 / ST DAILY D]	TRACEABILITY FUNCTION CALL ENTER CUTTING HALL # 56

   Note: The current Cutting Hall Number appears on display.

3) Enter existing Cutting Hall Number (**e.g.** 54) and go to next selection.

*Back to previous step, press **[-]** key.

KEY TO PRESS	DISPLAY
5 4 ✳	TRACEABILITY FUNCTION CALL LNK COUNTRY#:0036 ENTER CUTTING HALL COUNTRY # 56

Note: The current Cutting Country Number appears on display.

4) Enter existing Country Number (**e.g.** 36) and save it.

KEY TO PRESS	DISPLAY
3 6 PLU	0.000 0.000 4.35 0.00 BEEF STEAK →0← MAN

Note: If the Cutting Country Number set to 0, the Cutting Hall Data will not printed on label or Receipt.

5) Place the product on platter (**e.g.** 2kg).

KEY TO PRESS	DISPLAY
	0.000 2.000 4.35 8.70 BEEF STEAK MAN

6) Issue label out.

KEY TO PRESS	DISPLAY
✳	0.000 2.000 0.00 0.00 MAN

[REFERENCE NUMBER] Function Key

This function key is used to change Reference Data (SWEDISH or FREE CODE) temporally for Traceability Information of Beef Item print on Item Label. The print area for the items (Traceability Information) must be program in Free Format in advance. If the PLU is called up again or a new PLU is called up, this function will be canceled and the Reference Date or Free Code will return to the original one selected Traceability Number in PLU file.

Note: There are 2 types of Reference Number (Depending on SPEC 272 setting):

1). **DATE (SWEDISH):** The reference number is making up from SLAUGHTER HOUSE NUMBER (4 digits), CUTTING HALL NUMBER (4 digits) and DATE (6 digits). Total are 14 digits. The first 8 digits are automatically filled when SLAUGHTER HOUSE field and CUTTING HALL field are entered. The last 6 digits can be entered but must be a valid date.

2). **CODE (FREE CODE):** Can enter up to 20 alphanumeric characters. Enter the Free Code as the same as Department Name Entry.

Note:

a) Prior to this operation, **[REFERENCE NO]** Function should be assigned to Preset Key in advance (**e.g.** Assign to Preset Key number 5).

b) This function is available for Label printing in Pre-pack Mode and MANUAL MODE.

c) This function also effective in Receipt operations when **SPEC 315** set to YES.

d) In PLU Programming File, the Traceability Setting must be set to PRINT in advance.

---

1. DATE (SWEDISH)

1) At Stand-by Status, call up PLU of BEEF STEAK (**e.g.** PLU # 50) and press the assigned **[REFERENCE NO]** key (**e.g. [P5]**) to enter Function Call Mode.

*If you want to escape function call mode, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
5 0 PLU	**0.000 0.000 4.35 0.00** BEEF STEAK →0← MAN
5 24H DAILY E	TRACEABILITY FUNCTION CALL ENTER REFERENCD DATE 00560056 280204

Note: The current Reference Date will appear on display.

2) Enter new Date (**e.g.** 030504 = 3rd MAY 2004) and save it.

KEY TO PRESS	DISPLAY
3 0 5 0 4 ✳	**0.000 0.000 4.35 0.00** BEEF STEAK →0← MAN

3) Place the product on platter (**e.g.** 2kg).

KEY TO PRESS	DISPLAY
	0.000 2.000 4.35 8.70 BEEF STEAK MAN

4) Issue label out.

KEY TO PRESS	DISPLAY
✳	**0.000 2.000 0.00 0.00** MAN

2. CODE (FREE CODE)

1) At Stand-by Status, call up PLU of BEEF STEAK (**e.g.** PLU # 50) and then press the assigned **[REFERENCE NO]** key (**e.g. [P5]**) to enter Function Call Mode.

*If you want to escape function call mode, press **[CHANGE**] key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
⑤ ⓪ PLU	**0.000　0.000　4.35　0.00** BEEF STEAK ┿0╋ MAN
[S/24H DAILY E]	REF #　FUNC CHAR　1　**01209356**　PRESET KEY

Note: The current Free Code will appear on display.

2) Enter new Free Code (**e.g.** 93273239004551) as same procedure as Department Name entry and save it.

KEY TO PRESS	DISPLAY
⑨③②⑦③② ●●●●●●●	REF #　FUNC CHAR　15　**93273239004551**▌　PRESET KEY
✳	**0.000　0.000　4.35　0.00** BEEF STEAK ┿0╋ MAN

3) Place the product on platter (**e.g.** 2kg) and issue a label out.

KEY TO PRESS	DISPLAY
✳	**0.000　2.000　0.00　0.00** MAN

[ORIGIN COUNTRY] Function Key

This function key is used to change Country of Origin temporally for Traceability Information of Beef Item print on Item Label. The print area for the items (Traceability Information) must be program in Free Format in advance. If the PLU is called up again or a new PLU is called up, this function will be canceled and the Country of Origin will return to the original one selected Traceability Number in PLU file.

Note: The **Born Country** and **Fatten Country Name** will not printed on label if Country Origin is filled.

Note:

a) Prior to this operation, **[ORIGIN COUNTRY]** Function should be assigned to Preset Key in advance (**e.g.** Assign to Preset Key number 6).

b) This function is available for Label printing in Pre-pack Mode and MANUAL MODE.

c) This function also effective in Receipt operations when **SPEC 315** set to YES.

d) The Country Number has to be programmed in advance.

e) In PLU Programming File, the Traceability Setting must be set to PRINT in advance.

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1) At Stand-by Status, call up PLU of BEEF SIRLOIN (**e.g.** PLU # 10).

KEY TO PRESS	DISPLAY
1 0 PLU	**0.000 0.000 1.23 0.00** BEEF SIRLOIN →0← MAN

2) Press the assigned **[ORIGIN COUNTRY]** key (**e.g. [P6]**) to enter Function Call Mode.

*If you want to escape function call mode, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
6 ABC DAILY F	TRACEABILITY FUNCTION CALL ENTER COUNTRY OF ORIGIN # 36

Note: The current Country of Origin Number will appear on display.

3) Enter existing Country Number (**e.g.** 56) and save it.

KEY TO PRESS	DISPLAY
5 6 ✳	0.000　0.000　1.23　0.00 BEEF SIRLOIN →0← MAN

4) Place the product on platter (**e.g.** 2kg).

KEY TO PRESS	DISPLAY
	0.000　2.000　1.23　2.46 BEEF SIRLOIN MAN

5) Issue label out.

KEY TO PRESS	DISPLAY
✳	0.000　2.000　0.00　0.00 MAN

[TRACEABILITY SET] Function Key

This function key is used to change Traceability Information (Born Country, Fatten Country, Slaughter House & Country, Cutting Hall & Country, Country of Origin, Reference Date or CODE, GTIN, LOT NO, KIND, Category, Breed and Contact) temporally for Beef Item print on Item Label. The print area for the items (Traceability Information) must be program in Free Format in advance. If the PLU is called up again or a new PLU is called up, this function will be canceled and the Traceability Information will return to the original one selected Traceability Number in PLU file.

Note: The **Born Country** and **Fatten Country Name** will not printed on label if Country Origin is filled.

Note:

a) Prior to this operation, **[TRACEABILITY SET]** Function should be assigned to Preset Key in advance (**e.g.** Assign to Preset Key number 7).

b) This function is available for Label printing in Pre-pack Mode and MANUAL MODE.

c) This function also effective in Receipt operations when **SPEC 315** set to YES.

d) All the Traceability items have to be programmed in advance.

e) In PLU Programming File, the Traceability Setting must be set to PRINT in advance.

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1) At Stand-by Status, call up PLU of BEEF STEAK (**e.g.** PLU # 50).

KEY TO PRESS	DISPLAY
5 0 PLU	**0.000 0.000 4.35 0.00** BEEF STEAK ►0◄ MAN

2) Press the assigned **[TRACEABILITY SET]** key (**e.g. [P7]**) to enter Function Call Mode.

*If you want to escape function call mode, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
7 CLERK <<	PROGRAM TRACEABILITY ENTER BORN COUNTRY # 56

Note: The current Born Country will appear on display.

3) Enter existing Country Number for Born Country (**e.g.** 36) and go to next selection.

*If not necessary to change Born Country, press **[PRINT]** key go to next selection.

KEY TO PRESS	DISPLAY
36✱	PROGRAM TRACEABILITY ENTER FATTEN COUNTRY # 56

4) Enter existing Country Number for Fatten Country (**e.g.** 36) and go to next selection.

*If not necessary to change Fatten Country, press **[PRINT]** key go to next selection.

KEY TO PRESS	DISPLAY
36✱	PROGRAM TRACEABILITY ENTER SLAUGTHER HOUSE # 56

5) Enter existing Slaughter House Number (**e.g.** 53) and go to next selection.

*If not necessary to change Slaughter House, press **[PRINT]** key go to next selection.

KEY TO PRESS	DISPLAY
53✱	PROGRAM TRACEABILITY LNK COUNTRY#:0528 ENTER SLAUGTHER HOUSE COUNTRY # 56

6) Enter existing Country Number for Slaughter House Country (**e.g.** 36) and go to next selection.
*If not necessary to change Slaughter Country, press **[PRINT]** key go to next selection.

KEY TO PRESS	DISPLAY
36✱	PROGRAM TRACEABILITY ENTER CUTTING HALL # 56

7) Enter existing Cutting Hall Number (**e.g.** 54) and go to next selection.

*If not necessary to change Cutting Hall, press **[PRINT]** key go to next selection.

KEY TO PRESS	DISPLAY
54✱	PROGRAM TRACEABILITY LNK COUNTRY#:0036 ENTER CUTTING HALL COUNTRY 56

8) Enter existing Country Number for Cutting Hall Country (**e.g.** 36) and go to next selection.

*If not necessary to change Cutting Country, press **[PRINT]** key go to next selection.

KEY TO PRESS	DISPLAY
3 **6** **✳**	PROGRAM TRACEABILITY ENTER COUNTRY OF ORIGIN # 0

9) Enter existing Country Number for Country of Origin (**e.g.** NO CHANGE) and go to next selection.

*Reference Date or Code is depending on **SPEC 272** setting.

KEY TO PRESS	DISPLAY	
✳	REF # FUNC CHAR 1	01209356 PRESET KEY

10) Enter new Free Code (**e.g.** 93273239004551) as same procedure as Department Name entry and go to next selection.

KEY TO PRESS	DISPLAY	
9 **3** **2** **7** **3** **2** ● ● ● ● ● ● ●	REF # FUNC CHAR 15	93273239004551█ PRESET KEY
✳	GTIN FUNC CHAR 1	93563239004556 PRESET KEY

11) Enter GTIN (**e.g.** NO CHANGE) and go to next selection.

*If you want to enter new GTIN data, just same procedure as Department Name entry.

KEY TO PRESS	DISPLAY	
✳	LOT # FUNC CHAR 1	01209356 PRESET KEY

12) Enter Lot Data (**e.g.** NO CHANGE) and go to next selection.

*If you want to enter new Lot data, just same procedure as Department Name entry.

KEY TO PRESS	DISPLAY
✳	PROGRAM TRACEABILITY ENTER KIND FILE 1

13) Enter existing Kind Number (**e.g.** 2) and go to next selection.

*If not necessary to change Kind Number, press **[PRINT]** key go to next selection.

KEY TO PRESS	DISPLAY
2 ✳	PROGRAM TRACEABILITY ENTER CATEGORY FILE 1

14) Enter existing Category Number (**e.g.** 2) and go to next selection.

*If not necessary to change Category Number, press **[PRINT]** key go to next selection.

KEY TO PRESS	DISPLAY
2 ✳	PROGRAM TRACEABILITY ENTER BREED FILE 1

15) Enter existing Breed Number (**e.g.** 2) and go to next selection.

*If not necessary to change breed Number, press **[PRINT]** key go to next selection.

KEY TO PRESS	DISPLAY
2 ✳	CONTACT FUNC CHAR 1 01234567 PRESET KEY

16) Enter Contact data (**e.g.** NO CHANGE) and go to next selection.

*If you want to enter new Contact data, Maximum 10 characters of alphanumeric can be entering .

KEY TO PRESS	DISPLAY
✳	TRACEABILITY #0056 ENTER: 00 - 00 - 00 ENTER EAT BY DATE IN D-M-Y FMT

17) Enter Eat By Date (**e.g.** 030504 = 3 MAY 2004) and go to next selection.

*If not necessary to change breed Number, press **[PRINT]** key go to next selection.

KEY TO PRESS	DISPLAY
3 0 5 0 4 ✳	TRACEABILITY #0056 REMAIN: 50.000 MAXIMUM WEIGHT

Note: Entering Date Format is DDMMYY.

18) Save the setting.

*If you want to escape function call mode without saving, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
✳	0.000 0.000 4.35 0.00 BEEF STEAK →0← MAN

Note: Maximum Weight data can't be change at this function call mode.

19) Place the product on platter (**e.g.** 2kg).

KEY TO PRESS	DISPLAY
	0.000 2.000 4.35 8.70 BEEF STEAK MAN

20) Issue label out.

KEY TO PRESS	DISPLAY
✳	0.000 2.000 0.00 0.00 MAN

[TRACEABILITY NO] Function Key

This function key is used to change or set Traceability Number temporally for Beef Item print on Item Label. The print area for the items (Traceability Information) must be program in Free Format in advance. If the PLU is called up again or a new PLU is called up, this function will be canceled and the Traceability Number will return to the original one selected in PLU file.

Note:

a) Prior to this operation, **[TRACEABILITY NO]** Function should be assigned to Preset Key in advance (**e.g.** Assign to Preset Key number 8).

b) This function is available for Label printing in Pre-pack Mode and MANUAL MODE.

c) This function also effective in Receipt operations when **SPEC 315** set to YES.

d) The Traceability Number has to be programmed in advance.

e) In PLU Programming File, the Traceability Setting must be set to PRINT in advance.

---

1) At Stand-by Status, call up PLU of BEEF STEAK (**e.g.** PLU # 50).

KEY TO PRESS	DISPLAY
5 0 PLU	0.000 0.000 4.35 0.00 BEEF STEAK

2) Press the assigned **[TRACEABILITY NO]** key (**e.g. [P8]**) to enter Function Call Mode.

   *If you want to escape function call mode, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
8 PPK DP >>	TRACEABILITY FUNCTION CALL ENTER: 56 ENTER TRACEABILITY # AND PRESS PRINT KEY

   Note: The current Traceability Number will appear on display.

3) Enter existing Traceability Number (**e.g.** 528) and save it.

KEY TO PRESS	DISPLAY
5 2 8 ✳	**0.000 0.000 4.35 0.00** BEEF STEAK ┿O┿ MAN

4) Place the product on platter (**e.g.** 2kg).

KEY TO PRESS	DISPLAY
	0.000 2.000 4.35 8.70 BEEF STEAK MAN

5) Issue a label out.

KEY TO PRESS	DISPLAY
✳	**0.000 2.000 0.00 0.00** MAN

[TRACEABILITY UPDATE] Function Key

This function key is used to assign a new Traceability Number for Beef Item or Non-Beef Item in Registration mode. Once a new Traceability Number is assigned with this function key, the Traceability Number set in the PLU will be replaced with this new Traceability Number permanently.

Note:

a) Prior to this operation, **[TRACEA UPDATE FUNC]** Function should be assigned to Preset Key in advance (**e.g.** Assign to Preset Key number 9).

1) At Stand-by Status, press the assigned **[TRACEA UPDATE FUNC]** key (**e.g. [P9]**) to enter function call mode.

   *If you want to escape function call mode, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
	TRACEABILITY UPDATE ENTER: 0 ENTER PLU # AND PRESS PRINT KEY

2) Enter existing PLU number you want (**e.g.** 2) and go to next step.

KEY TO PRESS	DISPLAY
	TRACEABILITY UPDATE ENTER: 0 ENTER TRACEABILITY # AND PRESS PRINT KEY

3) Enter existing Traceability Number (**e.g.** 528) and update to PLU # 2 programmed file.

KEY TO PRESS	DISPLAY
	TRACEABILITY UPDATING 0.000 0.000 0.00 0.00

[TRACEABILITY CLEAR] Function Key

This function key is used to clear the Traceability Number temporally for Beef Item print on Item Label or Receipt. If the PLU is called up again or a new PLU is called up, this function will be canceled and the Traceability data will return to the original one selected in PLU file.

> **Note:**
>
> a) Prior to this operation, **[TRACEABILITY CLEAR]** Function should be assigned to Preset Key in advance (**e.g.** Assign to Preset Key number 10).
>
> b) This function is available for Label printing in Pre-pack Mode and MANUAL MODE.
>
> c) This function also effective in Receipt operations when **SPEC 315** set to YES.

1) At Stand-by Status, call up PLU of BEEF SIRLOIN (**e.g.** PLU # 10).

KEY TO PRESS	DISPLAY
1 0 PLU	**0.000 0.000 1.23 0.00** BEEF SIRLOIN ➜0➜ MAN

2) Press the assigned **[TRACEABILITY CLEAR]** key (**e.g. [P10]**) to clear print Traceability Information on label.

KEY TO PRESS	DISPLAY
10 H	TRACEABILITY CLEAR
	0.000 0.000 1.23 0.00 BEEF SIRLOIN ➜0➜ MAN

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3) Place the product on platter (**e.g.** 2kg).

KEY TO PRESS	DISPLAY
	0.000 2.000 1.23 2.46 BEEF SIRLOIN `MAN`

4) Issue a label out.

KEY TO PRESS	DISPLAY
✳	**0.000 2.000 0.00 0.00** `MAN`

[INVENTORY] Function Key

There are 5 types of Modes (**0: NORMAL MODE, 1: INVENTORY MODE, 2: GARBAGE MODE, 3: ORDERING MODE and 4: RECEPTION MODE**) can be select by used this function key in Registration Mode. When using Inventory Mode (Except Normal Mode), all the transactions data by CLERK Key will update to Inventory Report and this function is available in Pre-pack Mode and Manual Mode.

> **Note:**
>
> a) Prior to this operation, **[INVENTORY]** Function should be assigned to Preset Key in advance (**e.g.** Assign to Preset Key number 12).

1) At Stand-by Status (Normal Mode), press the assigned **[INVENTORY]** key (**e.g. [P12]**) to enter function call mode.

   *If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
[12/ ST MONTH J]	FUNCTION CALL ENTER: 0 0:NORM 1:INV 2:GARBAGE 3:ORDER 4:RECEPTION

   Note: The status of Current Mode (0 for NORMAL Mode) will display.

2) Select Inventory Mode you want (**e.g.** 1: INVENTORY Mode) and save it.

KEY TO PRESS	DISPLAY
1 ✳	0.000 0.000 0.00 0.00 →0← MAN INVENTORY MODE

3) Call up PLU of BEEF SIRLOIN (**e.g.** PLU # 10).

KEY TO PRESS	DISPLAY
1 ▢ PLU	0.000 0.000 1.23 0.00 BEEF SIRLOIN →0← MAN INVENTORY MODE

4) There are two ways to set the weight data, by place the product on platter or by using **[SET MANUAL WEIGHT]** function key.

A1) Place the product on platter (**e.g.** 5 kg).

KEY TO PRESS	DISPLAY
	0.000 5.000 1.23 6.15 BEEF SIRLOIN INVENTORY MODE MAN

A2) Press a Clerk key (**e.g. [+A]**).

KEY TO PRESS	DISPLAY
+A	INVENTORY UPDATING. . .
	0.000 5.000 0.00 0.00 INVENTORY MODE MAN

B1) Press the assigned **[SET MANUAL WEIGHT]** key (**e.g. [P31]**) to enter Function Call Mode.
    *If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
31/ SPACE	FUNCTION CALL ENTER: 0.000 ENTER WEIGHT & PRESS PRINT KEY

Note: Prior to this operation, **[MANUAL WEIGHT]** Function should be assigned to Preset Key in advance.

B2) Enter Weight Data by numeric keys (**e.g.** 50 kg) and save it.

KEY TO PRESS	DISPLAY
5 0 0 0 0	FUNCTION CALL ENTER: 50.000 ENTER WEIGHT & PRESS PRINT KEY
✳	**0.000 50.000 1.23 61.50** BEEF SIRLOIN →O← INVENTORY MODE MAN

B3) Press a Clerk key (**e.g. [+A]**).

KEY TO PRESS	DISPLAY
+A	INVENTORY UPDATING. . .
	0.000 0.000 0.00 0.00 →O← INVENTORY MODE MAN

[SPECIAL MESSAGE] Function key

This function key is used to select the desirable Special Message data to be printed on item label at Registration Mode. If the PLU is called up again or a new PLU is called up, this function will be canceled.

> **Note:**
>
> a) Prior to this operation, **[SPECIAL MESSAGE]** Function should be assigned to Preset Key in advance (**e.g.** Assign to Preset Key number 13).
>
> b) This function is available for Label printing in Pre-pack Mode and MANUAL MODE.
>
> c) Special Message Data has to be programmed in advance.

1) At Stand-by-Status, call up PLU of FRIED POTATOES (**e.g.** PLU # 8).

KEY TO PRESS	DISPLAY
8	0.000 0.000 2.23 0.00 FRIED POTATOES

2) Enter Special Message function call mode.

   *If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
18/24H MONTH K	FUNCTION CALL ENTER: 0 ENTER SPECIAL MESSAGE # AND PRESS PRINT KEY

3) Enter existing Special Number you want (**e.g.** 1) and save it.

KEY TO PRESS	DISPLAY
1 *	0.000 0.000 2.23 0.00 FRIED POTATOES

Note: If selected Item label format without Print Area for Special Message, a message " **INSUFFICIENT SPACE**" will appears when press **[PRINT]** key to save it.

4) Place the product on platter (**e.g.** 1kg).

KEY TO PRESS	DISPLAY
	0.000 1.000 2.23 2.23 FRIED POTATOES `MAN`

5) Issue a label out.

KEY TO PRESS	DISPLAY
✳	**0.000 1.000 0.00 0.00** `MAN`

[DATE PRINT] Function Key

This function key is use to toggle **PRINT** or **NO PRINT** SELL BY DATE & PACKED DATE on Item Label temporarily. The selection will be used for all of the PLU until press the function key again or the main or display switch is turned OFF.

> **Note:**
>
> a) Prior to this operation, **[DATE PRINT]** Function should be assigned to Preset Key in advance (**e.g.** Assign to Preset Key number 14).
>
> b) This function is available for Label printing in Pre-pack Mode and MANUAL MODE.

1) At Stand-by-Status, to DISABLE print date on item label.

KEY TO PRESS	DISPLAY
14	DATE PRINT: OFF
	0.000 0.000 0.00 0.00
	→0←
	MAN

   Note: All the PLU will not print Packed Date & Sell by Date on label.

2) To ENABLE print date on label.

KEY TO PRESS	DISPLAY
14	DATE PRINT: ON
	0.000 0.000 0.00 0.00
	→0←
	MAN

   Note: All the PLU will print Packed Date & Sell by Date on label if selected label format with print area for its.

[IMAGE] Function Key

This function key is used to select the desirable Image data on Registration Mode. The selected image is not permanently, when the PLU is call again the image must repeat to assign.

> **Note:**
>
> a) Prior to this operation, **[IMAGE]** Function should be assigned to Preset Key in advance (**e.g.** Assign to Preset Key number 12).
>
> b) SPEC 51 set to 19200 and SPEC 60 set to FL-. Ensure the FL1 data is connected to send image from PC to scale.
>
> c) Create Free Format with area Image (select one of area image) on Free Format Programming.

1) At Stand-by-Status, call up PLU of FRIED POTATOES (**e.g.** PLU # 8).

KEY TO PRESS	DISPLAY
8 PLU	**0.000 0.000 2.23 0.00** FRIED POTATOES

2) Press the assigned **[IMAGE]** key (**e.g. [P12]**) to enter Function Call Mode

   *If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
12/ ST MONTH J	IMAGE 1 IMAGE FILE NUMBER : 0 USE << OR >> TO SELECT IMG & ASSIGN IMG NO

3) Enter existing Image number you want (**e.g.** 1) and save it.

Note: Image type (.bmp) only.

KEY TO PRESS	DISPLAY
1 **✳**	IMAGE 1 IMAGE FILE NUMBER : 1 USE << OR >> TO SELECT IMG & ASSIGN IMG NO
	0.000 0.000 2.23 0.00 FRIED POTATOES **→0←** **MAN**

    Note: If selected image not found, a message **"IMAGE NOT EXIST"** will appears when press **[PRINT]** key
             to save it.

4) Place the product on platter (**e.g.** 1kg).

KEY TO PRESS	DISPLAY
	0.000 1.000 2.23 2.23 FRIED POTATOES **MAN**

5) Issue a label out.

KEY TO PRESS	DISPLAY
✳	**0.000 1.000 0.00 0.00** **MAN**

    Note: The selected image will be printed on label.

[CASH IN or OUT] Function Key

This function is use to open the Cash Drawer to Cash IN or Cash OUT in Registration Mode and will issue a report. The report can be printed on **receipt paper**.

> **Note:**
>
> a) Prior to this operation, **[CASH IN/OUT FUNC]** Function should be assigned to Preset Key in advance (**e.g.** Assign to Preset Key number 15).

1) At Stand-by-Status, enter CASH DRAWER mode.

   *If you want to escape function call mode, press **[CHANGE]** key follow by **[CLEAR]** key.

KEY TO PRESS	DISPLAY
	CASH DRAWER CASH IN: 0.00

2) Select Cash OUT mode and then Cash OUT amount (**e.g.** $500.00)

   *Press **[-]** key to toggle Cash IN or Cash OUT mode.

KEY TO PRESS	DISPLAY
	CASH DRAWER CASH OUT: 500.00

3) Open Cash Drawer and issuing a report.

KEY TO PRESS	DISPLAY
	PRINTING 0.000 0.000 0.00 0.00

[PRINT SELL-BY-DATE] Function Key

This function key is used for **Weighing Item** to toggle PRINT or NO PRINT sell-by-date temporarily when issuing item labels. If the PLU is recalled or a new PLU is called up, the sell-by-date will return to the original one set in the PLU programming mode.

> **Note:**
>
> a) Prior to this operation, **[PRINT SELL BY DATE]** Function should be assigned to Preset Key in advance (**e.g.** Assign to Preset Key number 16).
>
> b) This function is effective in PREPACK MODE and MANUAL MODE for Weighing Item label printing.

1) At Stand-by-Status, call up PLU of FRIED POTATOES (**e.g.** PLU # 8) and then enter Sell By Date printing selection mode.

   *If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
8 PLU	**0.000 0.000 2.23 0.00** FRIED POTATOES →0← MAN
16/ PPK MG	PRINT SELL BY DATE? ENTER: 1 (1:YES / 0:NO)

2) Select NO PRINT sell by date on item label.

KEY TO PRESS	DISPLAY
0 ✳	**0.000 0.000 2.23 0.00** FRIED POTATOES →0← MAN

3) Place the product on platter (**e.g.** 1kg).

KEY TO PRESS	DISPLAY
	0.000 1.000 2.23 2.23 FRIED POTATOES MAN

4) Issue a label out.

KEY TO PRESS	DISPLAY
✴	**0.000 1.000 0.00 0.00** MAN

[AUTO REGISTRATION] Function Key

This function key is used to Auto Registration. When the PLU barcode is scan, the transaction will be assign automatic to clerk for registration.

Note:

a) Prior to this operation, **[AUTO REGISTRATION]** Function should be assigned to Preset Key in advance (**e.g.** Assign to Preset Key number 14).

b) SPEC51 "BAUD RATES" set to "9600" and SPEC60 set to "RS232 BARCD SCAN"

c) Ensure a clerk has assign on the Clerk Programming.

d) This function only available for Label printing in MANUAL MODE.

1) At Stand-by-Status, press the assigned **[AUTO REGISTRATION]** key (**e.g. [P41]**) to enter Function Call Mode.

   *If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	DISPLAY
41/ 8 *	FUNCTION CALL ENTER : 0 ENTER CLERK # AND PRESS PRINT KEY

2) Enter existing Clerk number you want (**e.g.** 9995) and save it.

KEY TO PRESS	DISPLAY
9 9 9 5 *	FUNCTION CALL ENTER : 9995 ENTER CLERK # AND PRESS PRINT KEY
	AUTO REGISTRATION ON!
	0.000 0.000 0.00 0.00 +0+ MAN

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Note: Press the assigned **[AUTO REGISTRATION]** key (**e.g. [P41]**) again to off Auto Registration.

KEY TO PRESS	DISPLAY
	AUTO REGISTRATION OFF!

3) Call up PLU of FRIED POTATOES (**e.g.** PLU # 8) and then place the product on platter.

KEY TO PRESS	DISPLAY
8 PLU	**0.000 1.000 2.23 2.23** FRIED POTATOES MAN

4) Issue a label out.

KEY TO PRESS	DISPLAY
✳	**0.000 1.000 0.00 0.00** MAN

5) Put new weight on the platter (**e. g.** 2kg), then call up the PLU by scan the PLU barcode.

KEY TO PRESS	DISPLAY
	0.000 2.000 2.23 4.46 MAN
	CLERK NO : 9995 # OF ITEMS : 1 **PRICE : 4.46**

Note: 1. Scan other barcode to call up other PLU.
2. If without weight/qty when user scan the barcode, clerk display will be not shown.
3. To add qty **[# OF ITEMS]**, repeat scan the barcode.

[PRINT PLU TOTAL REPORT] Function Key

This function key is used to select print out all the transaction report (By PLU Number) on label in Manual and Pre-pack Mode.
There are two different print types,

➢ PLU & TOTAL REPORT: Print Item Label (All the transaction item label) and a Grand Total Label.

➢ TOTAL REPORT: Print Grand Total Label only.

Note:

a) Prior to this operation, **[PRT PLU TTL REPORT]** Function should be assigned to Preset Key in advance (**e.g.** Assign to Preset Key number 17).

1) At Stand-by-Status, press the assigned **[PRT PLU TTL REPORT]** key (**e.g. [P17]**) to enter Print PLU Total Report selection mode.

KEY TO PRESS	DISPLAY
![17 MG TERM N key]	FUNCTION CALL ENTER: 0 PRINT PLU & TOTAL REPORT? 0:PLU+TTL 1:TTL

2a) Print PLU & Total Report on label.

KEY TO PRESS	DISPLAY
![* key] *After completed printing, display return to Stand-by Status.	FUNCTION CALL ENTER: 0 PRINT PLU & TOTAL REPORT? 0:PLU+TTL 1:TTL **0.000 0.000 0.00 0.00** →0← MAN

2b) Print Total Report on label.

KEY TO PRESS	DISPLAY
![1][*] *After completed printing, display return to Stand-by Status.	FUNCTION CALL ENTER: 1 PRINT PLU & TOTAL REPORT? 0:PLU+TTL 1:TTL **0.000 0.000 0.00 0.00** →0← MAN

[PRINT RECEIPT] Function Key

This function key is use to select PRINT or NO PRINT receipt in Accumulation Mode. The selection will be used for all transaction of receipt printing in Accumulation Mode. The selection will return to the original one set in Default Spec (SPEC 301) when the main or display switch is turned OFF.

> **Note:**
>
> a) Prior to this operation, **[PRINT RECEIPT]** Function should be assigned to Preset Key in advance (**e.g.** Assign to Preset Key number 18).

1) At Stand-by-Status, press the assigned **[PRINT RECEIPT]** key (**e.g. [P18]**) to enter Print Receipt selection mode.

   *Press **[CLEAR]** key to escape.

KEY TO PRESS	DISPLAY
18/PLU TERM 0	FUNCTION CALL ENTER: 0 PRINT RECEIPT IN ACC MODE 0:YES 1:NO

2) Select NO issue receipt in Accumulation Mode.

   *[0]: PRINT or [1]: NO PPRINT.

KEY TO PRESS	DISPLAY
1 ✳	0.000 0.000 0.00 0.00 →0← MAN

[LABEL PRINT WITHOUT REPORT] Function Key

This function key is used to issuing item labels in MANUAL MODE and the transaction data will not updated to sales report.

> **Note:**
>
> a) Prior to this operation**, [LABEL PRT W/O RPT]** Function should be assigned to Preset key in advance (**e.g.** Assign on Preset Keys number 19).
>
> b) This function is available for Label printing in Manual Mode only.

1) At Stand-by-Status, call up PLU of FRIED POTATOES (**e.g.** PLU # 8) and place the product on platter (**e.g.** 2 kg).

KEY TO PRESS	DISPLAY
8 PLU	**0.000 2.000 2.23 4.46** FRIED POTATOES MAN

2) Issue label without update the transaction by press **[LABEL PRT W/O RPT]** Function key (**e.g. [P19]**).

KEY TO PRESS	DISPLAY
19/ DP TERM P	**0.000 2.000 2.23 4.46** FRIED POTATOES MAN

Note: The PLU data will remain on display after issuing a label. If you want to clear the PLU data, press **[CLEAR]** key.

[SERIAL NUMBER] Function Key

This function key is used to create serial number for PLU on Registration Mode.

> **Note:**
>
> a) Prior to this operation, **[SERIAL NUMBER]** Function should be assigned to Preset key in advance (**e.g.** Assign on Preset Keys number 9).
>
> b) This function is available for Label printing in Manual and Prepack Mode.

1) At Stand-by-Status, call up PLU of FRIED POTATOES (**e.g.** PLU # 8) and place the product on platter (**e.g.** 1 kg).

KEY TO PRESS	DISPLAY
8 PLU	**0.000 1.000 2.23 2.25** FRIED POTATOES MAN

2) Press **[SERIAL NUMBER]** Function key (**e.g. [P9]**) to enter Function Call Mode and then enter Serial Number (**e. g.** 2) then press **[PRINT]** key

KEY TO PRESS	DISPLAY
9 / 6	SERIAL NUMBER ENTER: 2 ENTER SERIAL NUMBER & PRESS PRINT KEY
✳	**0.000 1.000 2.23 4.46** FRIED POTATOES MAN
✳	**0.000 1.000 0.00 0.00** FRIED POTATOES MAN

Note: press **[PRINT]** key again to issue a label, the Serial Number will be printed on label.

[PEEL SENSOR] Function Key

This function key is used to setting Peel Sensor. When user do a transaction, user can setting peel sensor followed user desired. Any 3 choice in setting Peel Sensor:

1. 0 = EN

   If user select 0 = EN, 1st label must remove from dispenser and 2nd label will auto print.
   Spec 28 "Peel Sensor Function in PREPACK Mode" auto set to "ENABLE" and spec 29 "Continuous Print for Label in PREPACK" auto set to "INHIBIT"

2. 1 = MN

   If user select 1 = MN, to issue label must press print key.
   Spec 28 "Peel Sensor Function in PREPACK Mode" auto set to "DISABLE" and spec 29 "Continuous Print for Label in PREPACK" auto set to "INHIBIT"

3. 2 = CO

   If user select 2 = CO, to issue label must press print key and the label will continuous print.
   Spec 28 "Peel Sensor Function in PREPACK Mode" auto set to "DISABLE" and spec 29 "Continuous Print for Label in PREPACK" auto set to "ALLOW"

Note:

a) Prior to this operation**, [SERIAL NUMBER]** Function should be assigned to Preset key in advance (**e.g.** Assign on Preset Keys number 21).

b) This function is available for Label printing in Prepack Mode and non weight item only.

---

1) At Stand-by-Status, call up PLU of BANANA (**e.g.** PLU # 2).

KEY TO PRESS	DISPLAY
2 PLU	**20.00** BANANA PPK

2) Press **[PEEL SENSOR]** Function key (**e.g. [P21]**) to enter Function Call Mode

KEY TO PRESS	DISPLAY
21/ 24H TERM R	FUNCTION CALL ENTER: 0 PEEL SENSOR (0 = EN / 1 = MN / 2 = CO)

3) Enter desired Peel Sensor setting (**e.g. 2**) then touch **[ENTER]** key

KEY TO PRESS	DISPLAY
2	FUNCTION CALL ENTER: 2 PEEL SENSOR (0 = EN / 1 = MN / 2 = CO)
✳	**20.00** BANANA PPK

4) Issue label out.

KEY TO PRESS	DISPLAY
✳	**20.00** BANANA PPK

Note: The label will be continuous print.

[PRINT RTB RECEIPT] Function Key

This function key is use to reprint a receipt and the print time not change, accord with Real Time Buffer on 1st receipt.

> **Note:**
>
> a) Prior to this operation, **[PRINT RTB RECEIPT]** Function should be assigned to Preset Key in advance (**e.g.** Assign to Preset Key number 18).
>
> b) SPEC 277 set to 1:2 Days Buffer to active the function key

1) At Stand-by-Status, press the assigned **[PRINT RTB RECEIPT]** key (**e.g. [P18]**) to enter Print RTB Receipt selection mode.

   *Press **[CLEAR]** key to escape.

KEY TO PRESS	DISPLAY
	PRINT RTB RECEIPT ENTER: 0 ENTER RECEIPT NUMBER & PRESS PRINT KEY

2) Enter receipt number want to reprint (**e. g.** 20).

KEY TO PRESS	DISPLAY
	PRINT RTB RECEIPT ENTER: 20 ENTER RECEIPT NUMBER & PRESS PRINT KEY

3) Press **[PRINT]** key to issue the receipt.

Note: When press **[PRINT]** key, receipt will be reprint.

KEY TO PRESS	DISPLAY
	0.000 0.000 0.00 0.00

[RTB RECALL] Function Key

This function key is use to recall RTB and to Void it . Before void RTB, user can add item with assign a clerk, but it's be a new receipt.

Note:

a) Prior to this operation, **[RTB RECALL]** Function should be assigned to Preset Key in advance (**e.g.** Assign to Preset Key number 18).

b) SPEC 277 set to 1:2 Days Buffer to active the function key

c) Prior to this operation, **[CLERK]** Function should be assigned to Preset Key in advance (**e.g.** Assign to Preset Key number +A).

---

1) At Stand-by-Status, press the assigned **[RTB RECALL]** key (**e.g. [P18]**) to enter RTB Recall selection mode.

　　*Press **[CLEAR]** key to escape.

KEY TO PRESS	DISPLAY
[18/ PLU TERM 0]	ENTER:　　　0 ENTER RBT# & PRESS CLERK KEY

2) Enter receipt number want to recall (**e. g. 30**)

KEY TO PRESS	DISPLAY
	ENTER:　　　30 ENTER RBT# & PRESS CLERK KEY

3) Press **[VOID]** key, to void recall receipt.

KEY TO PRESS	DISPLAY
[VOID]	**RBT RCT VOID, PLS WAIT**
	ENTER:　　　0 ENTER RBT# & PRESS CLERK KEY

Note: The data from Receipt# 30 has void.

4) Repeat to step# 2, press the assigned **[CLERK]** key (**e.g. [+A]**) to enter clerk selection mode.

KEY TO PRESS	DISPLAY
+A	**RBT RECALL, PLS WAIT**
	CLERK NO : 9995 ＃ OF ITEMS : 1 **PRICE : 2.25**

5) To add item enter PLU number (**e. g. #8**), follow with press **[PLU]** key to call PLU.

Note: If not needed to add item please ignore step# 5 and 6.

KEY TO PRESS	DISPLAY
8 PLU	**0.000 0.000 2.23 0.00** FRIED POTATOES →0← MAN

6) Plate the product on platter, and then press the assigned **[CLERK]** key (**[+A]**)

KEY TO PRESS	DISPLAY
	0.000 2.000 2.23 4.45 FRIED POTATOES →0← MAN
	CLERK NO : 9995 ＃ OF ITEMS : 2 **PRICE : 6.70**

7) Press **[ENTER]** key to issue a receipt.

KEY TO PRESS	DISPLAY
✳	0.000 2.000 0.00 0.00

Note: The issue receipt should be a new number receipt.

[FIX TARE] Function key

This function key is used to Fix Tare value. If the PLU is called up again or a new PLU is called up, this function will be not canceled while the this function is ON.

Note:

1. Prior to this operation, **[FIX TARE]** Function key should be assigned to Preset key in advance (**e.g.** Assign on Preset Keys number 48).

2. SPEC 412 (DEC) "FIX KEYS" set to "ALLOW" to active [FIX TARE] Function Key

3. This function is available for Label printing in Pre-pack Mode and Manual Mode.

1) Press the assigned **[FIX TARE]** key (**e.g. [P48]**) to enter Function Call Mode and to ON/OFF Fix Tare.

KEY TO PRESS	DISPLAY
[48 LETTER SIZE]	**FIX TARE : ON/OFF (ON)**

2) Put the basket on platter (**e.g.** 0.500) then press **[TARE]** key to setting tare.

KEY TO PRESS	DISPLAY
	0.000 0.500 0.00 0.00 MAN
[→T←]	**0.500 0.000 0.00 0.00** →0← MAN

3) Place the product on basket (**e.g.** 2 kg) follow with enter PLU number (**e. g. 8**) then press
   [PLU] key to call up desired PLU.

KEY TO PRESS	DISPLAY
8 PLU	**0.500 2.000 2.23 4.46** FRIED POTATOES MAN

4) Press **[PRINT]** key to issue label.

KEY TO PRESS	DISPLAY
✳	**0.500 -0.500 0.00 0.00** MAN

Note: Tare display not be zero, because Tare value is fix.

5) Repeat to step# 1, press the assigned **[FIX TARE]** key (**e.g. [P48]**) to off Fix Tare.

KEY TO PRESS	DISPLAY
48/ LETTER SIZE	**FIX TARE : ON/OFF (OFF)**

6) Press **[TARE]** key to set tare to normal.

KEY TO PRESS	DISPLAY
→T←	**0.000 0.000 0.00 0.00** MAN

[FIX PLU] Function key

This function key is used to Fix PLU. If the PLU is called up again or a new PLU is called up, this function will be canceled and user need to fix PLU again.

1) At Stand-by-Status, call up PLU of BANANA (**e.g.** PLU # 2).

KEY TO PRESS	DISPLAY
2 PLU	**20.00** BANANA MAN

2) Press **[FIX PLU]** Function key (**e.g. [P56]**) to enter Function Call Mode

KEY TO PRESS	DISPLAY
56/ DEL	**FIX PLU : ON/OFF (ON)**
	20.00 BANANA MAN

3) Press **[PRINT]** key to issue label.

KEY TO PRESS	DISPLAY
✳	**20.00** BANANA MAN

Note: 1. After issue a label, the display not blank, because PLU is fix.

　　　2. User available to add qty/weight.

4) Repeat to step# 2, press the assigned **[FIX PLU]** key (**e.g. [P56]**) to off Fix PLU.

KEY TO PRESS	DISPLAY
56/ DEL	**FIX PLU: ON/OFF (OFF)**

[FIX FORMAT 1] Function key

This function key is used to select the right format to issue 1ˢᵗ Item Label and 2ⁿᵈ Item Label. This function key cannot select the format for Total Label. If the PLU is called up again or a new PLU is called up, this function will be not canceled while the this function is ON. But if this function is OFF 1ˢᵗ Item Label and the 2ⁿᵈ label format will return to the original one selected in the PLU File.

Note:
1. Prior to this operation**, [FIX FORMAT], [LABEL FORMAT 1],** and **[LABEL FORMAT 2]** Function key should be assigned to Preset key in advance (**e.g.** Assign on Preset Keys number 24, 25, and 26).
2. SPEC 417 "FIX FORMAT 1 FUNCTION" set to "ALLOW" to active the Function Key.
3. This function is available for Label printing in Pre-pack Mode and Manual Mode.
4. Only existing Free Format labels (F1 ~ F99) can be set in this function.

1) Refer to **[LABEL FORMAT 1]** function key to assign 1ˢᵗ Item Label (**e.g. 14 [A]**)

   *You also can press Preset key number 7 or 8 to search the label format you want. For Label Format Number, please refer to Label Format List.

   *If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	**DISPLAY**
1 7	FUNCTION CALL ENTER: 14 ENTER LABEL FORMAT 1 A

2) Refer to **[LABEL FORMAT 2]** function key to assign 2ⁿᵈ Item Label (**e.g. 1 [F1]**)

   *You also can press Preset key number 7 or 8 to search the label format you want. For Label Format Number, please refer to Label Format List.

   *If you want to escape function call mode, press **[CLEAR]** key.

KEY TO PRESS	**DISPLAY**
1	FUNCTION CALL ENTER: 1 ENTER LABEL FORMAT 2 F1

3) After Save the setting, press the assigned **[FIX FORMAT]** key (**e.g. [P24]**) to enter Function Call Mode and to ON/OFF Fix Format.

KEY TO PRESS	DISPLAY
✳	**0.000 0.000 2.23 0.00** FRIED POTATOES ➜0➜ MAN
24	**FIX FORMAT 1 : ON/OFF (ON)**

Note: 1. When **[FIX FORMAT 1]** set **"ON"** the 1st Item Label and the 2nd label format has set on Registration Mode fix use be label format.
2. If **[FIX FORMAT 1]** set **"OFF"** 1st Item Label and the 2nd label format will return to the original one selected in the PLU File.

4) Place the product on platter (**e.g.** 2 kg).

KEY TO PRESS	DISPLAY
	0.000 2.000 2.23 4.46 FRIED POTATOES MAN

5) Issue an item label.

KEY TO PRESS	DISPLAY
✳	**0.000 2.000 0.00 0.00** MAN

Note: Label Format 1 & 2 will be issues.

Automatic select between two label formats can be set at **SPEC 685**, if this Spec set to **ALLOW**, only one of the label format will be issue.

[ECR BARCODE] Function key

This function key is used to call up a PLU by manual entry barcode digit of PLU. Is same as calling PLU by using Barcode Scanner to the valid Barcode Data.
Operator may found the Barcode Label already damage and can't call up by Scanner,
So, the operator just presses **[ECR BARCODE]** function key and then enters Barcode Digits of the Label to call up the PLU. If barcode digit entry not valid, error message will be show.

Note:

1. Prior to this operation**, [ECR BARCODE]** Function key should be assigned to Preset key in advance (**e.g.** Assign on Preset Keys number 24).

2. This function is available for Label printing in Pre-pack Mode and Manual Mode.

---

1) At Stand-by-Status, press the assigned **[ECR BARCODE]** key (**e.g. [P24]**) to enter Function Call Mode.

KEY TO PRESS	DISPLAY
24	ENTER: 0000000000000 ENTER ECR BARCD DIGIT & PRESS PRINT KEY

2) Enter ECR barcode digit (**e.g.** 0200008002253).

KEY TO PRESS	DISPLAY
24	ENTER: 0200008002253 ENTER ECR BARCD DIGIT & PRESS PRINT KEY

3) Press **[ENTER]** key to call up the PLU

Note: If the barcode digit is invalid, error message "CHECK DIGIT INVALID" will be show.

KEY TO PRESS	DISPLAY
✳	**0.000 0.000 2.23 0.00** FRIED POTATOES MAN

4) Plate item on the platter (**e. g.** 2kg), then repeat press **[PRINT]** key to issues an item label.

KEY TO PRESS	DISPLAY
✳	0.000 2.000 2.23 4.46 MAN

[PRODUCTION DATE] Function key

This function key is used to setting Production Date on Registration Mode.

> **Note:**
> 1. Prior to this operation, **[PRODUCTION DATE]** Function key should be assigned to Preset key in advance (**e.g.** Assign on Preset Keys number 35).
> 2. Create Free Format with area Production Date (select one of area Production Date) on Free Format Programming.

1) At Stand-by-Status, press the assigned **[PRODUCTION DATE]** key (**e.g. [P35]**) to enter Function Call Mode.

KEY TO PRESS	DISPLAY
35/3	FUNCTION CALL ENTER: 0 ENTER PRODUCTION DATE & PRESS PRINT KEY

2) Enter Production Date (**e.g.** 161012) then press **[ENTER]** key.

KEY TO PRESS	DISPLAY
1 6 1 0 1 2	FUNCTION CALL ENTER: 161012 ENTER PRODUCTION DATE & PRESS PRINT KEY
✳	0.000 0.000 0.00 0.00 →0← MAN

3) Enter PLU number FRIED POTATOES (**e.g.** PLU # 8) then press **[PLU]** key to call up PLU.

KEY TO PRESS	DISPLAY
8 PLU	0.000 0.000 2.23 0.00 FRIED POTATOES →0← MAN

4) Place the product on platter (**e.g.** 2 kg).

KEY TO PRESS	DISPLAY
	0.000 2.000 2.23 4.46 FRIED POTATOES MAN

5) Issues an item label.

KEY TO PRESS	DISPLAY
✳	**0.000 2.000 0.00 0.00** MAN

Note: Production Date will be print on label.

[PEAPOD] Function key

This function key used to hid unit price and total price on label print, so label is print without Unit Price and Total Price. If the PLU is called up again or a new PLU is called up, this function will be canceled and user need to press function key again (Available for U1 only)

> **Note:**
> 1. Prior to this operation, **[PEAPOD]** Function key should be assigned to Preset key in advance (**e.g.** Assign on Preset Keys number 48).
> 2. This function is available for Label printing in WEIGHT item and Pre-pack Mode only.

1) At Stand-by-Status, Enter PLU number FRIED POTATOES (**e.g.** PLU # 8) then press **[PLU]** key to call up PLU.

KEY TO PRESS	DISPLAY
8 PLU	**0.000 0.000 2.23 0.00** FRIED POTATOES →0← MAN

2) Press the assigned **[PEAPOD]** key (**e.g. [P48]**) to enter Function Call Mode.

KEY TO PRESS	DISPLAY
48/ LETTER SIZE	**NO PRICE PRINT**

3) Place the product on platter (**e.g.** 2 kg).

KEY TO PRESS	DISPLAY
	0.000 2.000 2.23 4.46 FRIED POTATOES MAN

Note: When label is issue, the price not printed at label.

[AUTO PLU CALL] Function key

This function key is used to Enable/Disable auto PLU call on Registration. Auto PLU call can setting by Number of Digit and by Time Out (Any some country to assign this function key is Arabic, Grace, etc)

> **Note:**
> 1. Prior to this operation, **[AUTO PLU CALL]** Function key should be assigned to Preset key in advance (**e.g.** Assign on Preset Keys number 35).
> 2. SPEC 39 " PLU CALLING" set to "Auto" and go to Spec 40 to setting digits and time out call

1) At Stand-by-Status, press the assigned **[AUTO PLU CALL]** key (**e.g. [P35]**) to enter Function Call Mode

KEY TO PRESS	DISPLAY
 	SET AUTO PLU CALL
	0.000 0.000 0 0

Note: Repeat to Press the **[AUTO PLU CALL]** key (**e.g. [P35]**) to Reset Auto PLU Call

KEY TO PRESS	DISPLAY
 	RESET AUTO PLU CALL

2) Enter PLU number (**e.g.** PLU # 012345)

Note: Ensure the entry digit is same with setting on Spec40 (**3. 6 digits/2.0sec**)

KEY TO PRESS	DISPLAY
	0.000　　0.000　　　　0　　　　0 ＋０＋ MAN
[0][1][2][3][4][5]	0.000　　　　0.000 012345　　　0 ＋０＋ MAN
	0.000　　　0.000　　　222　　　0 BEEF STEAK　　　　　　　　＋０＋ MAN

Note: PLU name will be show without press **[PLU]** key.

3) Place the product on platter (**e.g.** 2 kg) then press **[PRINT]** key to issue a label.

KEY TO PRESS	DISPLAY
[✳]	0.000　　2.000　　2.22　　4.44 FRIED POTATOES MAN

[AUTO PLU CALL MG] Function key

This function key is used to auto Main Group call, so user available to auto PLU call in the Main Group and it's use on Registration Mode (Some country is assign this function key are Arabic, Grace, etc)

> **Note:**
> 1. Prior to this operation, **[AUTO PLU CALL]** and **[AUTO PLU CALL MG]** Function key should be assigned to Preset key in advance (**e.g.** Assign on Preset Keys number 35 and 37).
> 2. SPEC 39 " PLU CALLING" set to "Auto" and go to Spec 40 to setting digits and time out call.
> 3. Ensure the PLU has assign to Main Group.

1) At Stand-by-Status, press the assigned **[AUTO PLU CALL]** key (**e.g. [P35]**) to enter Function Call Mode

KEY TO PRESS	DISPLAY
[35/3]	**SET AUTO PLU CALL**
	0.000 0.000 0 0

Note: Repeat to Press the **[AUTO PLU CALL]** key (**e.g. [P35]**) to Reset Auto PLU Call

KEY TO PRESS	DISPLAY
[35/3]	**RESET AUTO PLU CALL**

2) Press the assigned **[AUTO PLU CALL MG]** key (**e.g. [P37]**) to enter Function Call Mode

KEY TO PRESS	DISPLAY
[37/5]	FUNCTION CALL ENTER: 0
	ENTER AUTO PLU CALL MG# AND PRESS PRINT KEY

3) Enter Main Group number has link to PLU (**e.g. 012**) then press **[PRINT]** key.

KEY TO PRESS	DISPLAY
0 1 2 ✳	FUNCTION CALL ENTER: 012 ENTER AUTO PLU CALL MG# AND PRESS PRINT KEY
	0.000 0.000 0 0 ➡0⬅ MAN

2) Enter 3 digits of PLU number (**e.g.** PLU # 012345 = 345)

Note: Ensure the digits entry is same with setting on Spec40 (**3. 3 digits/2.0sec**)

KEY TO PRESS	DISPLAY
3 4 5	0.000 0.000 345 0 ➡0⬅ MAN
	0.000 0.000 222 0 BEEF STEAK ➡0⬅ MAN

Note: PLU name will be show without press **[PLU]** key.

3) Place the product on platter (**e.g.** 2 kg) then press **[PRINT]** key to issue a label.

KEY TO PRESS	DISPLAY
✳	0.000 2.000 2.22 4.44 FRIED POTATOES MAN

[PRICE KEY] Function key

This function key is used to change the Price value for Non Weight item on Registration Mode.

1) At Stand-by-Status, Enter PLU number FRIED POTATOES (**e.g.** PLU # 8) then press **[PLU]** key to call up PLU.

KEY TO PRESS	DISPLAY
8 PLU	**2PCS 10.000 20.00** FRIED POTATOES

2) Entry new price to change actual price of PLU (**e.g.** 60000).

KEY TO PRESS	DISPLAY
6 0 0 0 0	**2PCS 6.0000 20.00** FRIED POTATOES

3) Press the assigned **[PRICE KEY]** key (**e.g. [P21]**) to enter Function Call Mode.

KEY TO PRESS	DISPLAY
21/ 24H TERM R	**2PCS 300.000 600.00** FRIED POTATOES

4) Press **[PRINT]** key to issue a label.

KEY TO PRESS	DISPLAY
✳	**2PCS 300.000 600.00** FRIED POTATOES MAN

[NET CONTENT] Function key

This function key is used to change qty of PLU for Non Weight item on Registration Mode but not influential to total price.

> **Note:**
>
> 1. Prior to this operation, **[NET CONTENT]** Function key should be assigned to Preset key in advance (**e.g.** Assign on Preset Keys number 16).
>
> 2. Not available for Quantity Unit "PCS" symbol (refer to Quantity Unit Entry)

1) At Stand-by-Status, Enter PLU number FRIED POTATOES (**e.g.** PLU # 8) then press **[PLU]** key to call up PLU.

KEY TO PRESS	DISPLAY
8 PLU	**2PCS 10.000 20.00** FRIED POTATOES ►0◄ MAN

2) Entry new qty to change actual qty of PLU (**e.g.** 5).

KEY TO PRESS	DISPLAY
5	**2PCS 0.0005 20.00** FRIED POTATOES ►0◄ MAN

3) Press the assigned **[NET CONTENT]** key (**e.g. [P16]**) to enter Function Call Mode.

KEY TO PRESS	DISPLAY
16 PPK MG	**5PCS 4.0000 20.00** FRIED POTATOES ►0◄ MAN

4) press **[PRINT]** key to issue a label.

KEY TO PRESS	DISPLAY
✳	**5PCS** **4.0000** **20.00** FRIED POTATOES MAN

NOTE