

Label Printing Scale

LP 1.6 Series

OWNER'S MANUAL



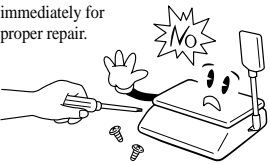
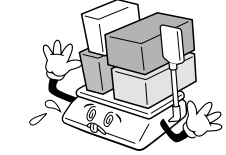
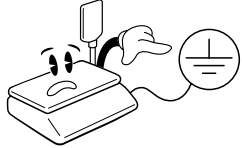

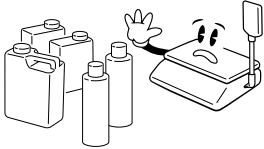
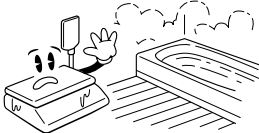
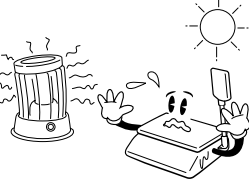
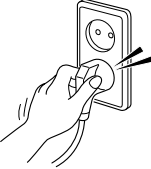


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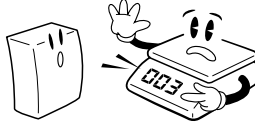




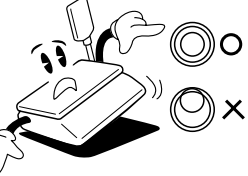

PRECAUTIONS

Precautions when installing the scale. To ensure that you get the most from your scale, please follow these instruction.

Warning		
<p>Do not disassemble the scale. When any damage or defect occurs, contact your CAS authorized dealer immediately for proper repair.</p> 	<p>Do not overload beyond the maximum weight limit.</p> 	<p>Scale must be grounded to minimize electricity static. This will minimize defect or electric shock.</p> 
<p>Do not pull the plug by its cord when unplugging. Damaged cord could cause electric shock or fire.</p> 	<p>To prevent from fire occurring. Do not place or use the scale near flammable or corrosive gas.</p> 	<p>To reduce electric shock or incorrect reading. Do not spill water on the scale or place it in humid condition.</p> 
<p>Avoid placing the scale near heater or in direct sunlight.</p> 	<p>Insert plug firmly to wall outlet to prevent electric shock.</p> 	

WARNING

Make sure to plug your scale into the proper power outlet. For maximum performance, plug into a power outlet 30 minutes before the usage for warm up.

Attention		
<p>For consistent and accurate reading, maintain periodical check by your CAS authorized dealer.</p> 	<p>Avoid sudden shock to the scale. Internal mechanism could be damaged.</p> 	<p>Grab on the bottom of the scale when moving. Do not hold by the platter.</p> 
<p>Take the battery out when scale is not in use for long time. Leakage from the batteries is hazardous.</p> 	<p>Place the scale on firm and temperature consistent environment.</p> 	<p>By adjusting 4 corners of the scale, set the scale even using the built in scale leveling indicator.</p> 
<p>Keep the scale away from other electromagnetic generating devices. This may interfere with accurate reading.</p> 		

Note: This scale uses a rechargeable battery to retain programmed information. While the scale is ON or in use it keeps the battery charged. The battery must be fully charged before turning power OFF or memory contents can be lost. It takes approximately 48 hours to fully charge the battery from complete discharge. Even though the scale's battery will most likely not be completely discharged when you receive the scale, you should still charge it for 48 hours. Once fully charged, the battery can retain programmed information for at least 6 months with power OFF. To ensure memory contents do one of the following:

Leave power ON for at least 2 days before programming.

OR

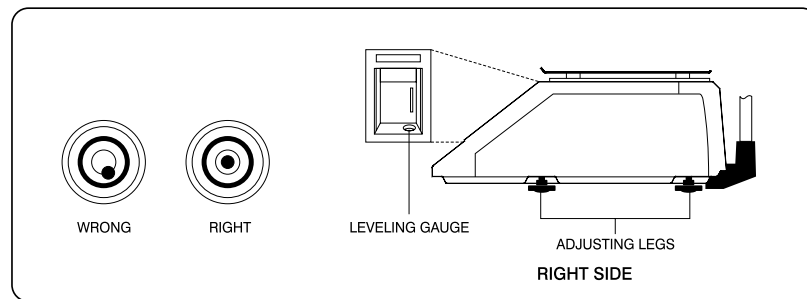
Do not turn OFF power for at least 2 days after programming.

1. Installation Procedures

1.1 Cautions

- A) Environment : This scale must be installed in a dry and liquid free environment.
- B) Location : This scale must be placed on a flat and stable surface. Please keep the scale away from oscillating fans, ventilation systems, or drafts as these air disturbances can be picked-up by the scale and may cause incorrect weight readings.
- C) Leveling : If the scale is not properly level, please adjust the 4 legs at the bottom of the scale (turn legs clockwise or counter-clockwise) so as to center the bubble of the leveling gauge inside the indicated circle. (See below Fig.)

LEVELING GAUGE

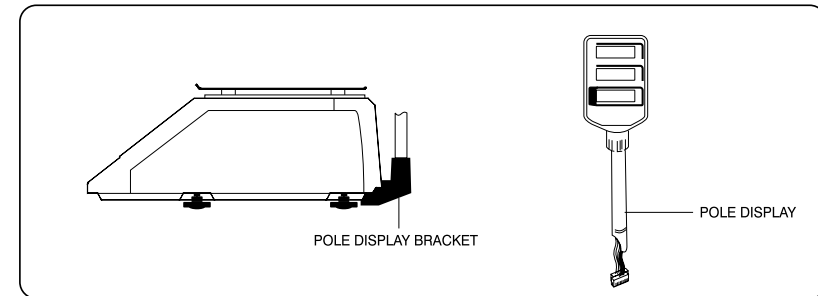


NOTE : Scale is to be used in-doors ONLY

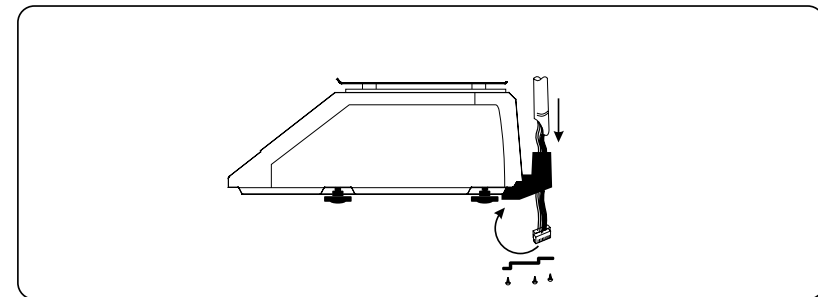
- D) The socket-outlet shall be installed near the equipment and shall be easily accessible.
- E) Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer instructions.

1.2 Assembling the Display Pole

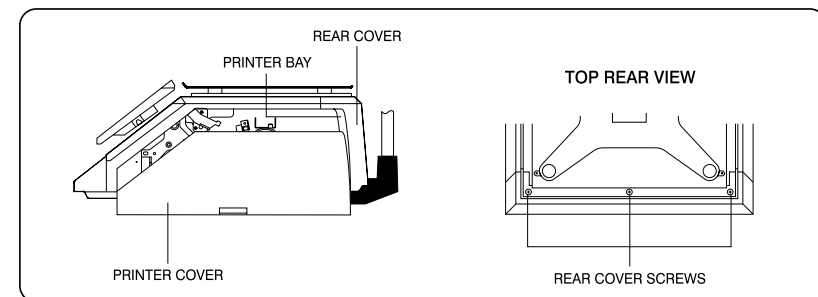
If your scale is the "Pole" type then you must follow this section and then continue to the next. However, if your scale is the "Non-Pole" type then you may skip this section and go on to the next. To begin installing the Pole display, make sure your scale comes with the display bracket & the pole display. (See below fig.)



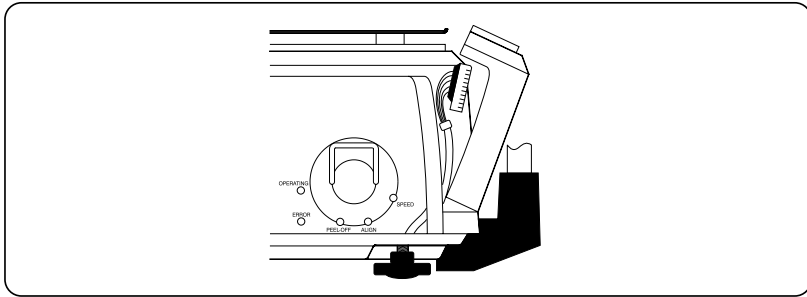
Feed the pole display connectors down the display bracket and up through the hole in the scale under-body. Attach the bracket cover to the display pole and then attach the bracket cover to the bracket itself. (See below fig.)



Remove the platter from the platform. Open the printer side cover and then remove the three rear cover screws. Feed the connectors in through the printer bay into the scale. (See below fig.)

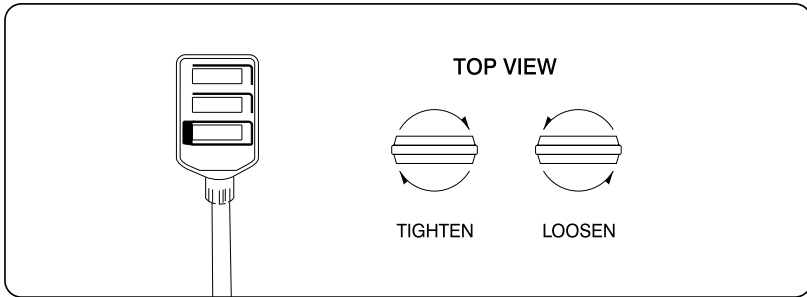


Tilt the rear cover towards the back of the scale and connect the three connectors to their adequate receptacles on the rear display P.C.B (See below fig.)



Place the rear cover back to its original position and re-attach the three screws that hold it in place. The pole display installation is now complete.

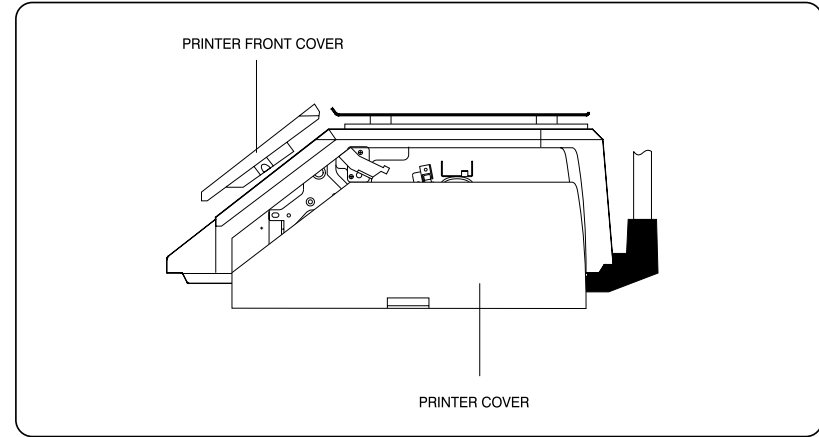
This display can turn about 180°. However, if the display head does not turn freely, please loosen the twist lock nut on the display pole. (See below fig.)



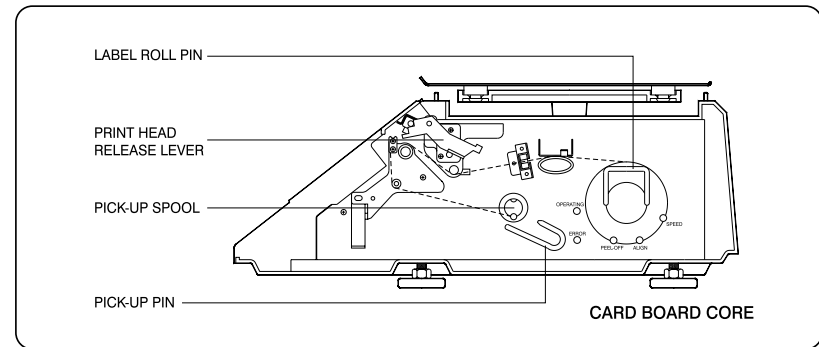
1.2 Installing the Label Roll

To install the label roll at any time you must follow the directions in this section.

Remove the printer front-cover and the printer side-cover. As you can see there is detailed diagram affixed onto the inside of the printer side-cover. Use this diagram (or this manual) for future reference on how to properly install the label roll. (See below fig.)



Find and remove the Label Roll Pin and the Pick-up Pin. Also find the Print Head Release Lever and lift it upwards. Release the Print Head Release Lever and the print head will automatically lift up. If there were any labels previously installed please remove all the collected backing paper on the pick-up spool. Also remove the cardboard paper roll core if there was a label roll previously installed. (See below fig.)



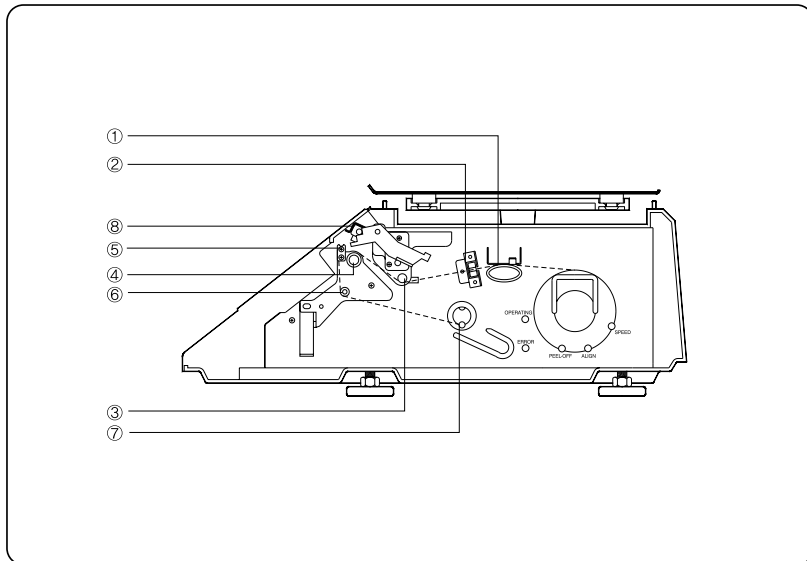
Take the new roll of labels and find the ending. Peel-off and discard about 3 labels. Place the label in the scale and thread the backing through the appropriate places.

Please view the checkpoints on the diagram. Feed the backing paper over the Paper Pressure Shaft lifting the Pressure Plate in order to place backing between the two (①); Feed the backing paper between the two green Sensor Caps (②); under the Label Guide Roller making sure that the backing paper lies between the two washers on the Label Guide Roller (③); feed the backing over the red Rubber Roller and under the Print Head being careful not to touch the underside of the Print Head (④); over the Peel-off Bar (⑤); under the Return roller(⑥); feed the backing under and around the Pick Up Spool(⑦).

Now Attach the Pick Up Spool Pin into the spool and turn it slowly counterclockwise in order to tighten the backing paper.

Push the Print Head down in order to lock it back in place(⑧).

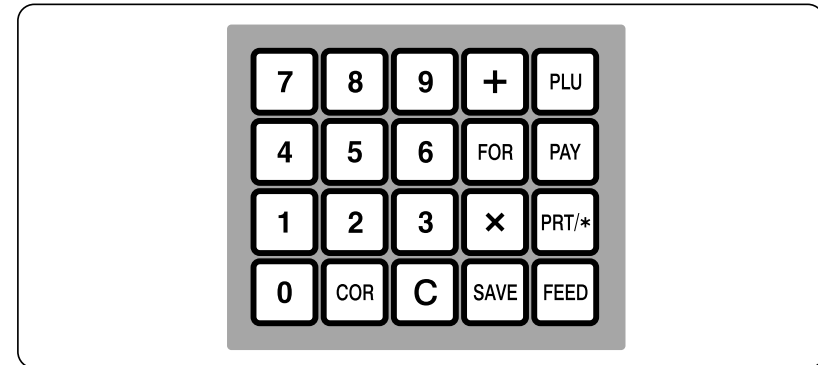
You will feel and hear it lock in place. Replace the printer covers. You have completed the label roll installation. (See below fig.)



2. Keypad & Display

2.1 Numeric Keypad

The Numeric Keypad is used to enter all numerical data in PGM mode. In REG Mode, the Numeric Keypad is used to enter prices, quantities, and counts. (See below fig.)

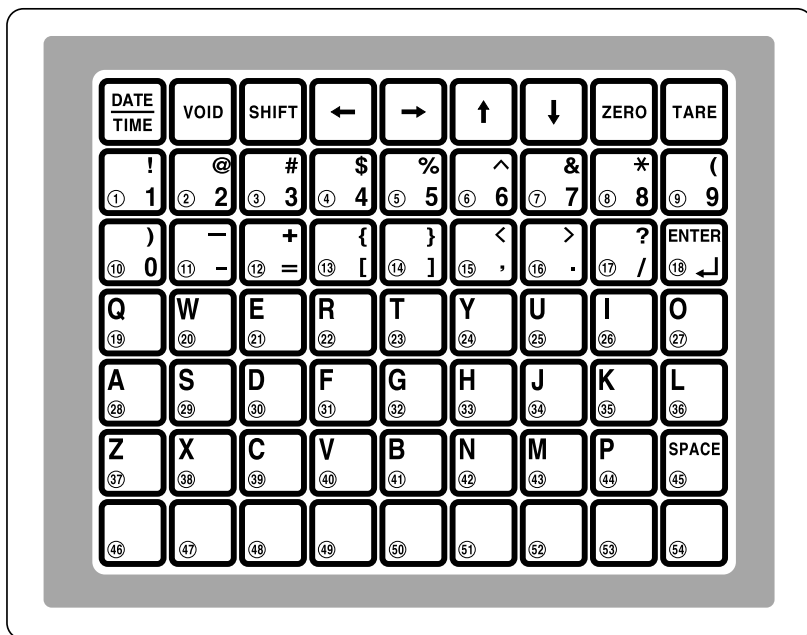


KEY	Function
0 ~ 9	Numeric Keys used to enter numerical data.
C	Clear Key used to clear error conditions and bring displays to their initial state.
FOR	Used to enter by piece sales, i.e. 3 Pieces FOR \$1.00.
PLU	Price Look Up Key. This key is used to "call-up" PLU's by their numbers.
x	The multiple label Key. This key is used to generate more than one label with the same data.
PRT/*	This is the print Key. It is used to manually print out a label in REG mode. It also works as an "ENTER" key in PGM mode.
FEED	This is the FEED Key. It is used to feed a blank label through the printer mechanism.
COR	Used to cancel account data.
PAY	Used to calculate change after adding several transactions.
+	Used to add several transactions
SAVE	When ON, this function will not let the unit price or tare weight of a PLU automatically clear even after you remove the item from the platter. The function acts like a toggle switch : you will know the function is ON by the indicator lamp in the Unit Price display.

Notice : The PAY and + Keys may not be legal in some countries.

2.2 PLU Keypad

The PLU Keypad is used to enter alpha-numerical data. To use the keypad for programming you must remove the pull-out sheet. To use the PLU Keypad in REG mode, you can write the name and number of the PLU's on the corresponding speed keys on the pull-out sheet. All commodity names, message data, and store name and address are typed using these keys. The scale automatically programs the PLU Keypad to be PLU 1 to 54. A speed key's number is shown circled on the lower left-hand side of each key.



KEY	Functions
	This key displays the time and date in REG mode.
	Used to go to PROGRAM mode and ACC mode.
	This key works like a Caps Lock key on a computer. It is used to type capital letters. You can tell if the SHIFT function is active by an indicator lamp in the UNIT PRICE display.
	This is the Left Arrow Key. It is used to scroll the cursor to the left when programming alpha-numeric data.
	This is the Right Arrow Key. It is used to scroll the cursor to the right when programming alpha-numeric data.
	This is the Up Arrow Key. It is used to scroll from Line to Line when programming commodity names, message data, or store name and address. It is also used to move up the System Maps. In REG mode, it is used to go to AUTO mode.
	This is the Down Arrow Key. It is used to scroll from Line to Line when programming commodity names, message data, or store name and address. It is also used to move down the System Maps.
	This key is used to set the Zero Point to 0.00.
	Used to clear Tare entries and to enter Tare weight.
	These keys are used to enter numbers as "text" for a commodity name, message data, or store name and address. The symbol keys are also used to type text.
	These are the Letter Keys. They are used to type in text.
	This is the Space Key. It functions the same as a space bar on a computer keyboard.
	This key is the ENTER Key. It functions just like an Enter Key on a computer. It is used to go to Line 2 or the next Line after typing some text.

PGM mode is used to set all of the scale's functions and PLUs.

REG mode is used for operating the scale.

ACC is used to generate sales reports.

In AUTO mode labels are issued when the weight is stabilized and greater than the weight that you set in PROGRAM mode. The use of PRT/* key will also generate a label.

2.3. Displays

2.3.1 Weight Display

The WEIGHT display shows the weight of an item on the platter whether it be positive or negative and within the range of the scale. The WEIGHT display also indicates if the scale is at ZERO or if there is a tare entered into the scale by way of a ZERO and NET lamps.

2.3.2 Unit Price Display

The UNIT PRICE display shows the price per pound of an item to be weighed. It also indicates whether the SAVE function is active by way to the indicator lamp. The UNIT PRICE display, in program mode only, indicates the condition of the SHIFT lamp. If the SHIFT lamp is OFF, you can type in capital letters, but if the SHIFT lamp is ON, you can only type lowercase letters. Finally, the UNIT PRICE display also indicates if the scale is in AUTO mode by way of an indicator lamp.

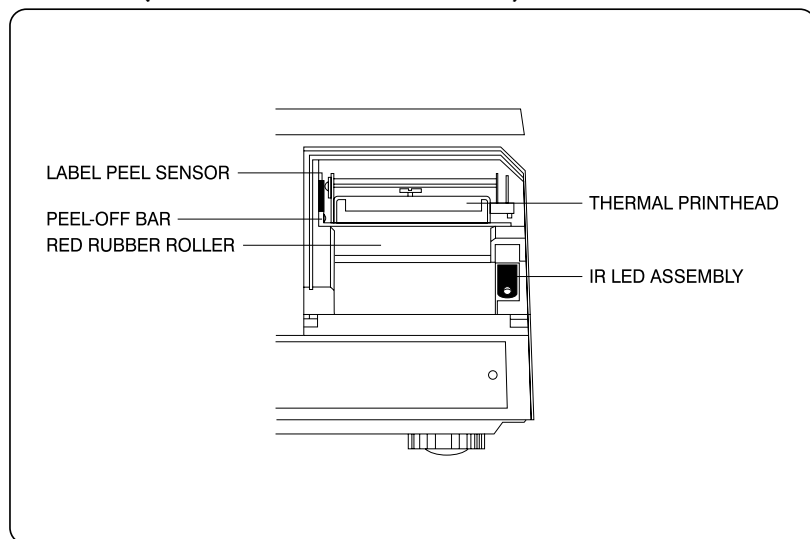
2.3.3 Total Price Display

The TOTAL PRICE display shows the unit price multiplied by the weight to give the total price.

2.4. Printer Mechanism

It is very important that you be familiar with the printer mechanism. Every time your labels run out you will be required to install the label roll and you will need to know the general parts of the printer.

Front View: (With Printer Front Cover removed)



LABEL PEEL SENSOR : This sensor is used in conjunction with IR LED to detect if there is a printed label waiting to be taken.

THERMAL PRINTHEAD : The Thermal Printhead is the part that does the actual printing. The printhead is VERY sensitive! Please keep water and other liquids AWAY from the printhead. DO NOT TOUCH the underside of the printhead. If labels become jammed and stuck to the printhead, please call a qualified CAS Dealer to solve this problem. When finished installing labels, it is necessary to push down on the TOP of the printhead to lock it in place.

RED RUBBER ROLLER : This is the part that the printhead press the labels against in order to print. Please do not scratch or harm in any way this roller. Any damage to the roller can result in bad print or lower quality print.

PEEL-OFF BAR : This part causes the labels to peel-off their backing paper when the paper slides over it. Always install the labels OVER the Peel-Off Bar.

IR LED : This part is used in conjunction with the Label Peel Sensor to detect if there is a printed label waiting to be taken. (Infra-Red Light Emitting Diode)

NOTE : Always replace the Printer Side Cover and the Printer Front Cover to ensure proper operation of the scale. Failure to do so can result in printer failure. Also, failure to comply with any or all of the guidelines for proper maintenance can adversely affect your scales warrantee.

3. Operation

3.1 REG mode Operations

3.1.1 Simple Weighing

There are two types of sales you can generate; PLU Sales and NON-PLU Sales. PLU Sales are sales based on a programmed PLU whereas Non-PLU Sales are sales you generate without calling up a PLU.

PLU Sales :

To call up a PLU, simply type the PLU's number on the Numeric keypad and then press the PLU key. Another way to call up a PLU is to simply press 1 of 54 preset keys which are set to a particular PLU.

① Press **1** speed key or press 1 key on the numeric keypad and PLU key.

② Put an item on the platter.

③ Press the PRT/* key.

NON-PLU Sales:

① Enter a unit price.

② Place the commodity on the platter.

③ Press the PRT/* key.

3.1.2 How to Use TARE

Known Tare:

If you know the weight of container you may use this method to enter the tare.

For example, if the weight of the container is 10g press the 1, 0, and TARE key. Call up a PLU and place a commodity then you will see the net weight.

Unknown Tare:

If you do not know the weight of the container you may use this method. Place the container on the platter and press the TARE key. Call up a PLU and place the commodity on the platter then you will see the net weight.

Releasing the Tare

To release the tare, remove all items from the platter and then press the TARE key.

3.1.3 Add-up Sales

① Call up a PLU and put an item on the platter.

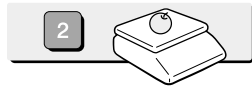
② If you want to add up this item, press the + key. You will have a label automatically.

③ Remove an item from the platter

④ You can add up non-PLU item. Enter a unit price and place an item on the platter. If you want to add up, press the + key.



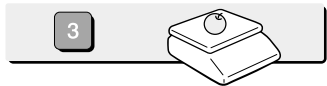
1.900
1.50
28.50



⑤ Call up a PLU and put an item on the platter. If you do not want to add up, press the PRT/* key instead of + key.

2.300
2.00
46.00

ACC
3
84.45



⑥ Call up a PLU and put an item on the platter. If you want to add up, press the + key.

⑦ If you want to have a total report label, press the PRT/* key.

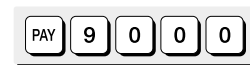
3.1.4 How to Use PAY Key

2.300
2.00
46.00

WEIGHT : 2.300

ACC
3
84.45

REC
90.00



① Call up a PLU and put an item on the platter. If you want to add up, press the + key.

② Press the PAY key to calculate your changes after add-up sales and enter customer payment. Ex) \$90.00, type 9,0,0,0.

NOTE : If you made a incorrect label printed you can cancel it in sales report. Press COR key after printing label then you will see "dELeEtE".

CHANG
5.55



③ Press the PRT/* key. You will see changes on the display. (If you press the PRT/* key again, you will have a total price label.)

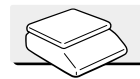
3.1.5 How to Use FOR Key

0.000
0.00
0.00

0.000
1.00
0.00

P
1.00
0.00

P 5
1.00
5.00



① Call up a PLU or enter unit price of non PLU.

② Press the FOR key.

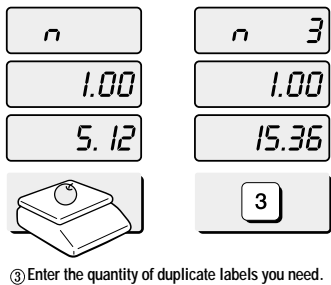
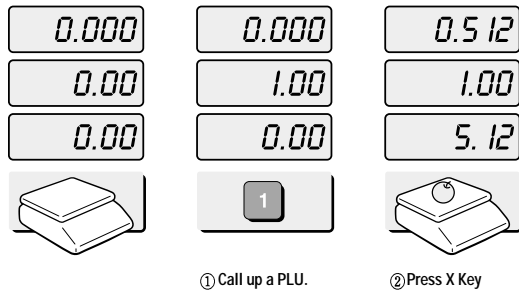
③ Press 5 key on the numeric keypad.



④ Press the PRT/* key.

3.1.6 Multiple Labels

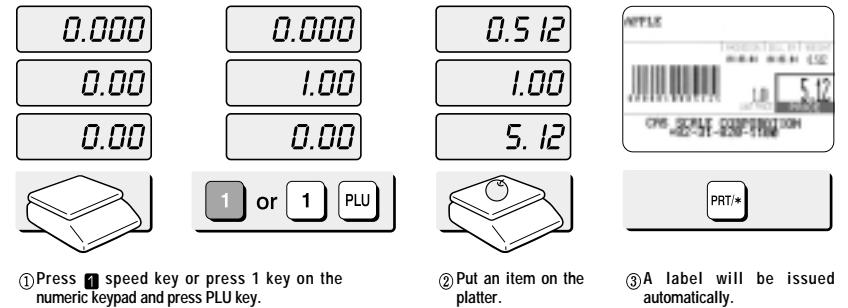
You can generate identical labels by using multiple label printing. To use multiple label printing, and press the X key, enter the quantity of duplicate labels you need, and then press the PRT/* key.



3.1.7 Auto Printing (AUTO MODE)

In AUTO mode, labels are issued when the weight is stabilized and greater than 100g. The use of PRT/* key will also generate a label.

How to go to AUTO mode : Press the ↑ key. If the scale is in AUTO mode AUTO lamp is ON in the UNIT PRICE display. To finish AUTO mode, press the ↑ key again.



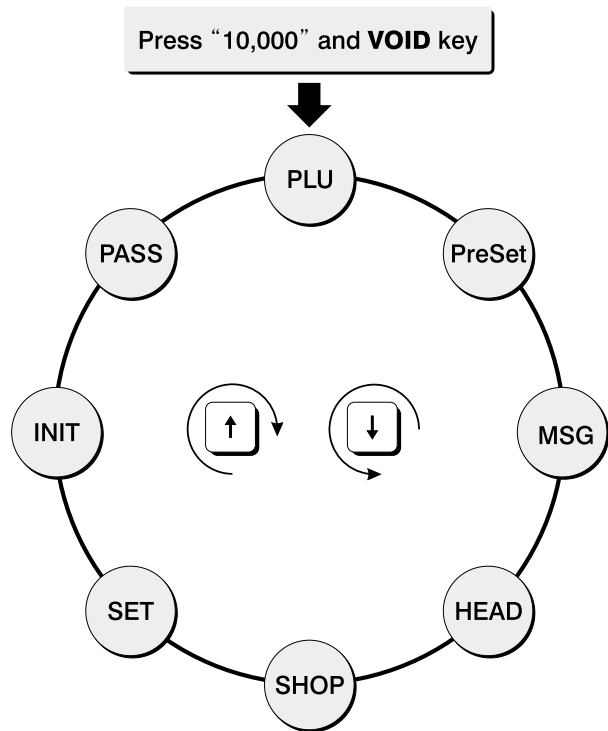
4. PROGRAM Mode

4.1 System Maps

To go to PROGRAM mode, press 10000 by using numeric keys and VOID key.

You can press the ↓ key or ↑ key to go up and down the Main Menu in PROGRAM mode ONLY if the UNIT PRICE and TOTAL PRICE displays are BLANK! The same rule is applied to ACC mode.

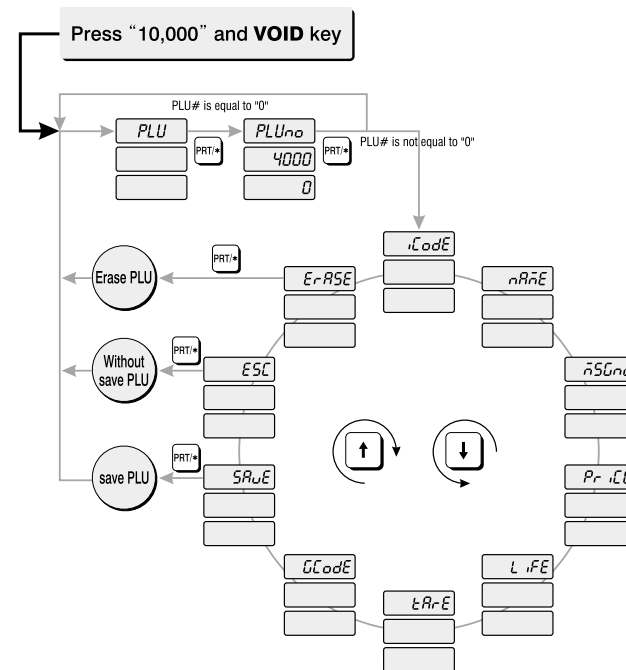
If you want to use the ↓ key or ↑ key to go up and down a menu and the UNIT PRICE and TOTAL PRICE displays are NOT blank, you must first press the PRT/* key. After the UNIT PRICE and TOTAL PRICE displays are blank, You can use the ↓ key or ↑ keys.



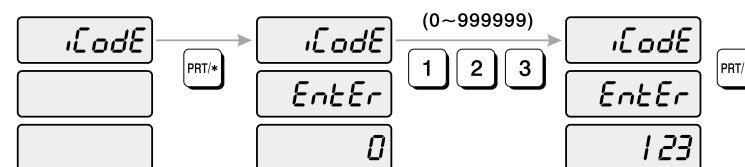
4.2 PLU Programming

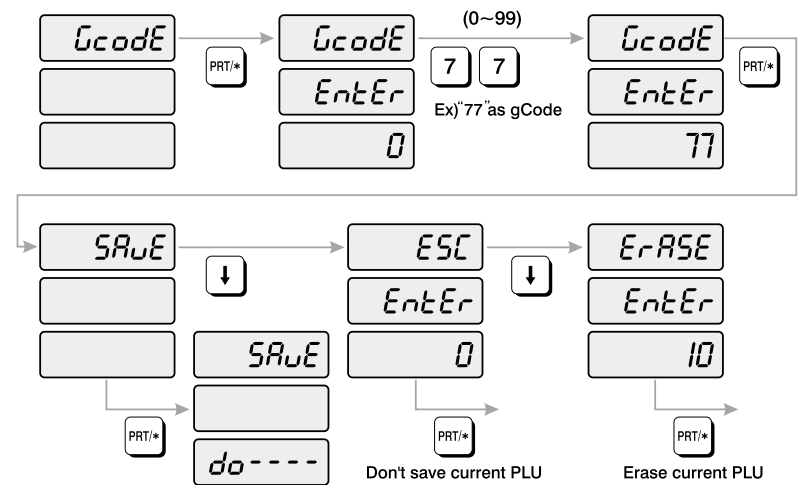
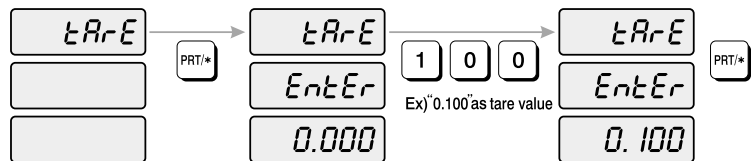
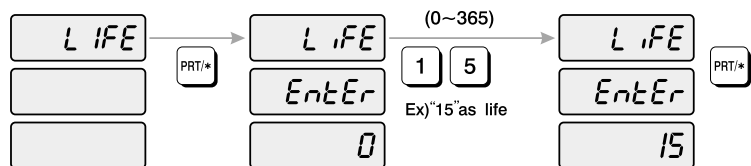
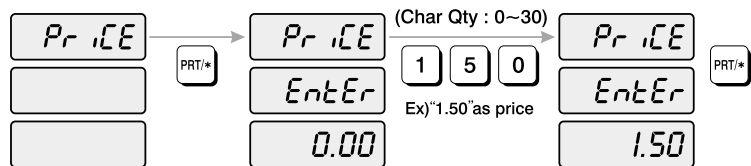
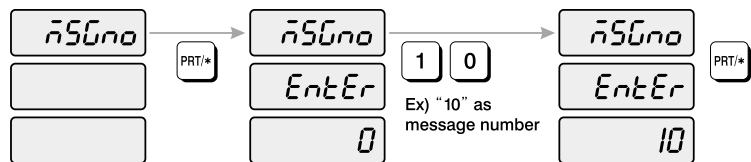
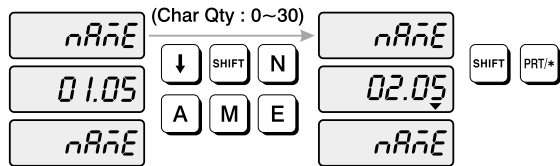
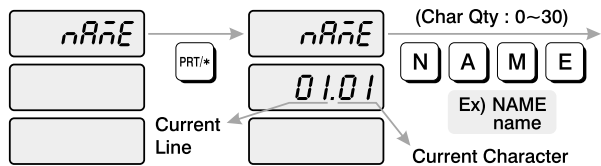
PLU means Price Look Up. PLUs are used to store the price, name, and other data of items being sold.

Every PLU has seven data fields: ①Item Code, ②Name, ③Message no. ④Unit price, ⑤ Shelf Life, ⑥Tare, ⑦Group code.



How to program PLU



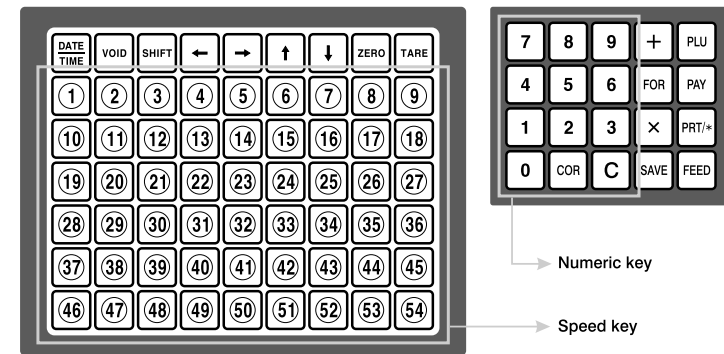
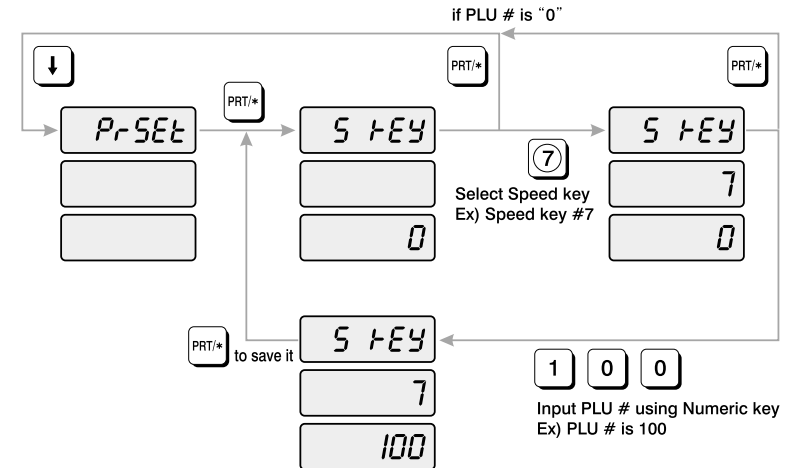


- 1) To go to PROGRAM mode, press 10000 by using numeric keys and VOID key.
- 2) The display shows: "PLU".
- 3) Press PRT/* key. The display shows: "PLUno 4000".
The number in the UNIT PRICE display indicates the amount of empty PLUs ready to be programmed.
- 4) Type a PLU number you wish to program. Remember, this number must be between 1 and 4000.
- 5) Press PRT/* key. The display shows "iCode".
Press PRT/* key. (If you do not wish to program an item code, press the ↓ key) The display shows "iCodE EntEr 0".
- 6) Type the item code number. The item code can be from 1 to 999999. If you enter 0, item code will not be printed on the label. (This number is used by the scanning device in order to reference PLU. In most cases, the item code is programmed to be the same as the PLU number). Press PRT/* key when you're done.
- 7) The display shows "nAME"(The name field is composed of 2 lines of text. Each line can contain up to 30 characters. Name is commonly referred to as commodity name.)
- 8) Press PRT/* key. (If you do not wish to program name, press the ↓ key) The display shows "nAME 01.01". The numbers in the unit price display represent the line number and character number on which your cursor is at. The number to the left of the decimal is the line number you are on(01 to 02). The number to the right is the number of the character position on which you are about to type(01 to 30).
- 9) Now type in the first line of text using the Alpha-numeric keypad on the left side. If you want to type second line of text, press ENTER key. (To skip, press PRT/* key.)

- 10) The display shows "nAME 02.01".
Type in the second line of name.
- 11) Press PRT/* key.
- 12) The display shows "MSGno".
- 13) Press PRT/* key. (If you do not wish to program the price, please press ↓ key)
The display shows "MSGno EntEr".
- 14) Type the message number using the Numeric keypad. The message number can be from 0 to 1000. Press the PRT/* key when finished.
- 15) The display shows "PriCE".
- 16) Press PRT/* key. (If you do not wish to program the price, please press ↓ key) The display shows "PriCE EntEr 0.00".
- 17) Type the price amount using the Numeric keypad. The price can be from 0 to 999999. Press PRT/* key when finished.
- 18) The display shows "LiFE". (The number in this field will represent the amount of days this commodity can be sold by. It can be from 0 to 365.)
- 19) Press PRT/* key. (If you do not wish to program the shelf life, please press ↓ key) The display shows "LiFE EntEr 0". Type the shelf life using the Numeric keypad. The shelf life can be from 0 to 365 which represent the number of days after the Packed On Date. This is how the Sell By Date is calculated: Packed On Date + Shelf Life = Sell By Date.
- 20) Press the PRT/* key.
- 21) The display shows "tArE". (Tare is used to store the weight of the container to be used with this PLU. The tare is subtracted from the gross weight of the item at the time of weighing.)
- 22) Press PRT/* key. (If you do not want a tare, please press ↓ key) The display shows "tArE EntEr 0.00". Type the tare value you want on the Numeric keypad. Press the PRT/* key.
- 23) The display shows "GCode". (The group code is a number from 0 to 99 that is printed on the label. It can be used to group PLUs in to sections, for example: all beef PLUs are group code 10, all poultry PLUs are group code 20, etc..)
- 24) Press PRT/* key (If you do not want to enter a group code, press ↓ key) The display shows "GCode EntEr 0". Type the group code number you want on the Numeric keypad. Press PRT/* key.
- 25) The display shows "SAvE". If you want to save this PLU to memory, press the PRT/* key. The display shows "PLU".
(If you do not want to save this PLU to memory press ↓ key and the display shows "ESC". Press the PRT/* key to exit without saving this PLU.)
- 26) If you wish to program another PLU, go back to step 2.
If you wish to finish PLU programming, press the C key.

4.3 Preset keys Programming

The preset keys are used to quickly access a PLU with only one key press. For example, if you had preset key ⑦ programmed to call up PLU number 100, all you need to press is preset key ⑦. When you initialize the scale (it automatically sets up all the preset keys as: preset ① = PLU 1, preset ② = PLU 2... preset 54 = PLU 54.

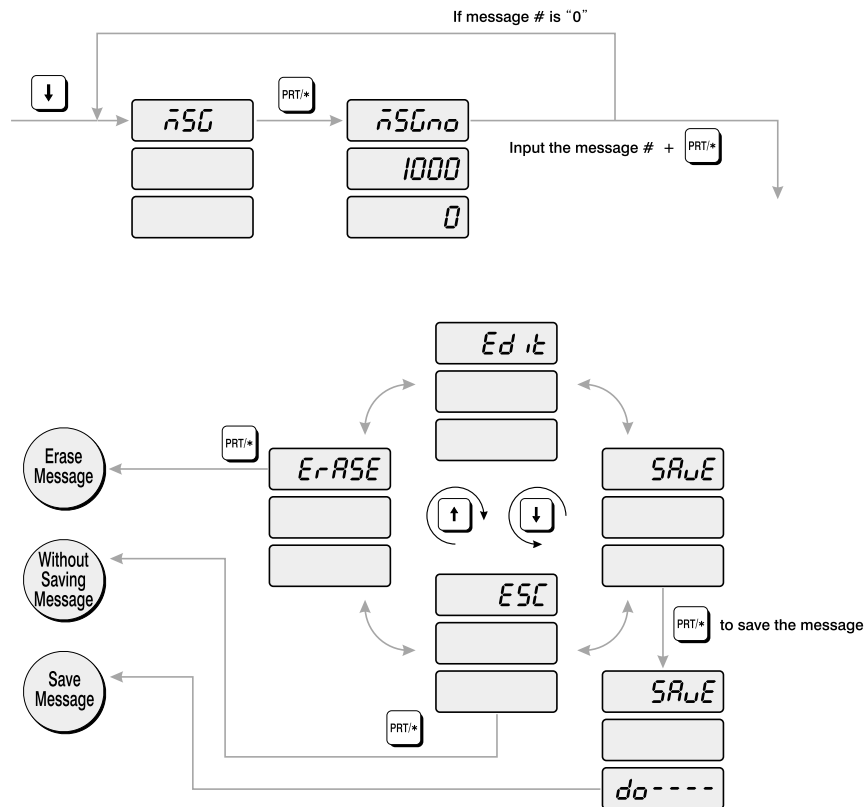


- 1) To go to PROGRAM mode press 10000 by using numeric keys and VOID key. And then press ↓ key.
- 2) The display shows "PrSet".
- 3) Press PRT/* key.

- 4) The display shows “S kEy 0”. Press the Preset key (1 to 54) you wish to program. The number in the UNIT PRICE display is the number of the Preset key you have just pressed. The number in the TOTAL PRICE display is the PLU number that has been assigned to that Preset key.
- 5) Type the number of the PLU you wish to assign to that preset key. Press the PRT/* key when done.
- 6) If you want to program another preset key go back to step 2). If you wish to finish PROGRAM mode press the C key

4.4 Message (Ingredients) Programming

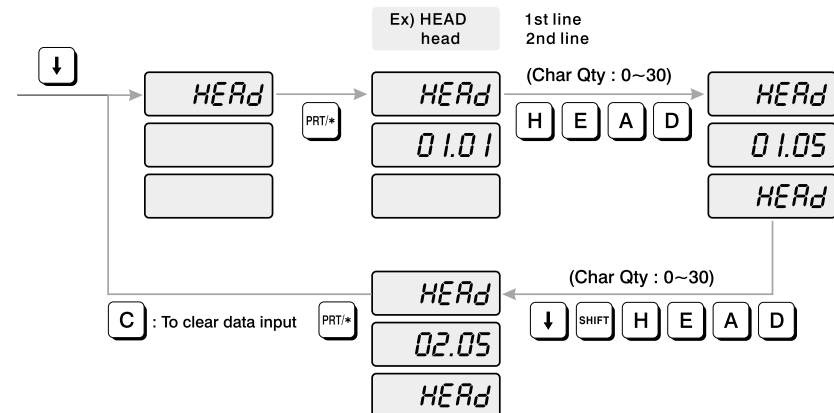
LP 1.6 is able to have maximum 1000 messages. Each message has up to 8 lines of text and each line contains up to 50 characters.



- 1) To go to PROGRAM mode press 10000 by using numeric keys and VOID key.
- 2) Press ↓ key two times. The display shows “MSG”.
- 3) Press PRT/* key. The display shows “MSG 1000”.
- 4) Type the number of the MSG you wish to program or edit using the Numeric Keypad. Remember, the number can be from 1 to 1000. If you make any mistakes press the C key and repeat step 4.
- 5) Press the PRT/* key. The display shows : “MSG 01.01”. You may now begin typing your MSG data using your Alpha-numeric keypad. Each message has 8 lines of text and each line contains 50 characters.
After you type each line press ENTER key when you are done typing a line. If you wish to skip a line press the ↓ key. If you want to go up a line, press the ↑ key. Press ← key or → key to scroll left or right on a line of text. As you type you will see the text scroll in the TOTAL PRICE display.
- 6) When you are done press PRT/* key, the display shows “SAvE” and then press the PRT/* key. If you do not want to save it press ↓ key, the display shows “ESC” and then press the PRT/* key. If you want to edit it press ↓ key until the display shows “Edit” and then press the PRT/* key.
- 7) If you wish to program another MSG go back to step 2). If you wish to finish PROGRAM mode press the C key

4.5 Programming

The header or head data is two lines of commodity name that appears on a label when you generate a Non-PLU label.

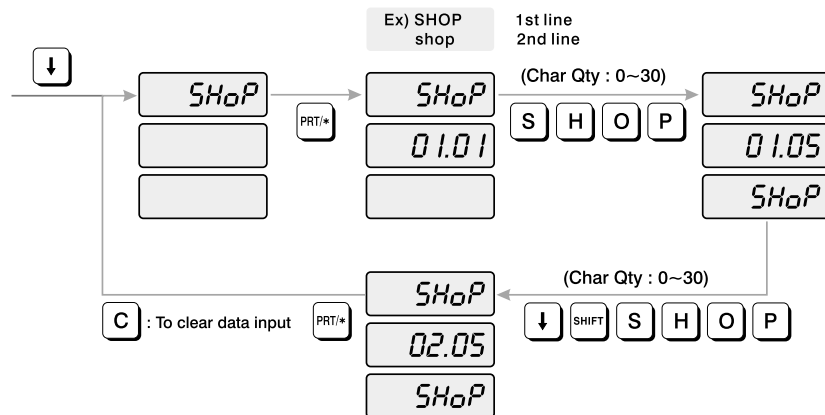


How to program the head data

- 1) To go to PROGRAM mode press 10000 by using numeric keys and VOID key.
- 2) Press ↓ key three times, the display shows “HEAd”.
- 3) Press PRT/* key. The display shows “HEAd 01.01”. The numbers in the UNIT PRICE display represent the line number and character number on which your cursor is at. The number to the left of the decimal is the line number you are on(01 to 01). The number to the right is the number of the character position on which you are(01 to 30).
- 4) Type in the NON-PLU commodity name using the Alpha-numeric keypad. If you make any mistakes press C key. You may now begin typing your head data using your Alpha-numeric keypad. After you type each line press ENTER key when you are done typing a line. If you wish to skip a line press ↓ key. If you want to go up a line press ↑ key. Press ← key or → key to scroll left or right on a line of text. As you type you will see the text scroll in the TOTAL PRICE display.
- 5) Press PRT/* key.
- 6) If you wish to finish PROGRAM mode press C key

4.6 Programming

The shop data are the 2 lines of text that get printed on the bottom of the label when it is not suppressed by the label format. You can use these two lines to print the name and address of the store or anything else you wish the scale to print at the bottom. Each line contains 30 characters of text.



How to program the shop data

- 1) To go to PROGRAM mode press 10000 by using numeric keys and VOID key.
- 2) Press ↓ key four times.
- 3) The WEIGHT display shows “SHoP”.
- 4) Press PRT/* key. The display shows “SHoP 01.01”. The numbers in the UNIT PRICE display represent the line number and character number on which your cursor is at. The number to the left of the decimal is the line number you are on(01 to 02). The number to the right is the number of the character position on which you are(01 to 30).
- 5) Type in the shop name using the Alpha-numeric keypad. If you make any mistakes press C key. You may now begin typing your shop data using your Alpha-numeric keypad. After you type each line press ENTER key when you are done typing a line. If you wish to skip a line press ↓ key. If you want to go up a line press ↑ key. Press ← key or → key to scroll left or right on a line of text. As you type you will see the text scroll in the TOTAL PRICE display.
- 6) Press PRT/* key.
- 7) If you wish to finish PROGRAM mode press C key

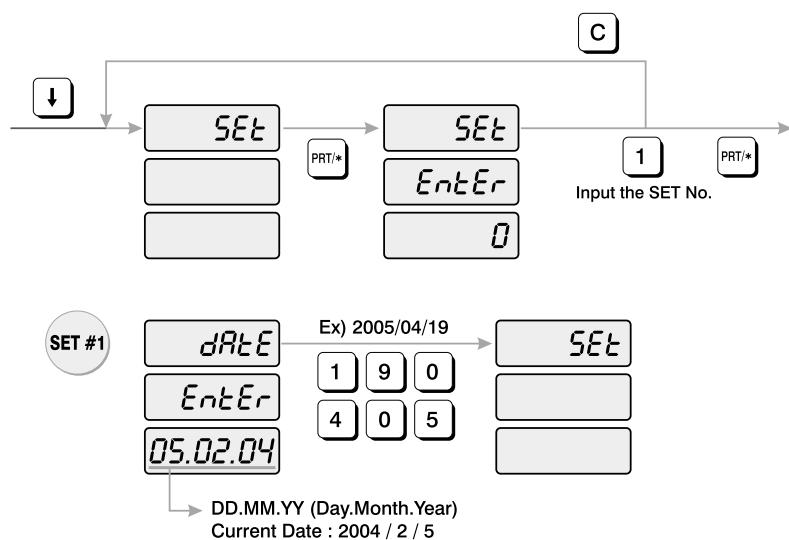
4.7 SET

SET MENU	DEFINITIONS
<p>SET #1</p> <p>DATE</p> <p>EntEr</p> <p>05.02.04</p>	Date (For details, see page 34)
<p>SET #2</p> <p>t nE</p> <p>EntEr</p> <p>11.23.45</p>	Time (For details, see page 35)
<p>SET #3</p> <p>dPtno</p> <p>EntEr</p> <p>0</p>	Department Number (For details, see page 36)
<p>SET #4</p> <p>LAbEL</p> <p>EntEr</p> <p>1</p>	<p>Label Length (For details, see page 37)</p> <p>Label Format (For details, see page 38)</p> <p>Label Mask (For details, see page 39)</p> <p>Label Barcode (For details, see page 40)</p>

1	<p>LAbEL</p> <p>LEnGtH</p> <p>40</p>
2	<p>LAbEL</p> <p>ForMAt</p> <p>0</p>
3	<p>LAbEL</p> <p>nAST</p> <p></p>
4	<p>LAbEL</p> <p>bArCod</p> <p>1</p>

SET MENU	DEFINITIONS
<p>SET #5</p> <p>ADJUST</p> <p>EntEr</p> <p>30</p>	Adjust (For details, see page 42)
<p>SET #6</p> <p>PnODE</p> <p>EntEr</p> <p>0</p>	Printing Information (For details, see page 43)
<p>SET #7</p> <p>AUTO P</p> <p>EntEr</p> <p>100</p>	Auto Printing (For details, see page 45)
<p>SET #8</p> <p>Addr</p> <p>EntEr</p> <p>0</p>	Address (For details, see page 46)
<p>SET #9</p> <p>bAUD</p> <p>EntEr</p> <p>3-9600</p>	Baud Rate (For details, see page 47)

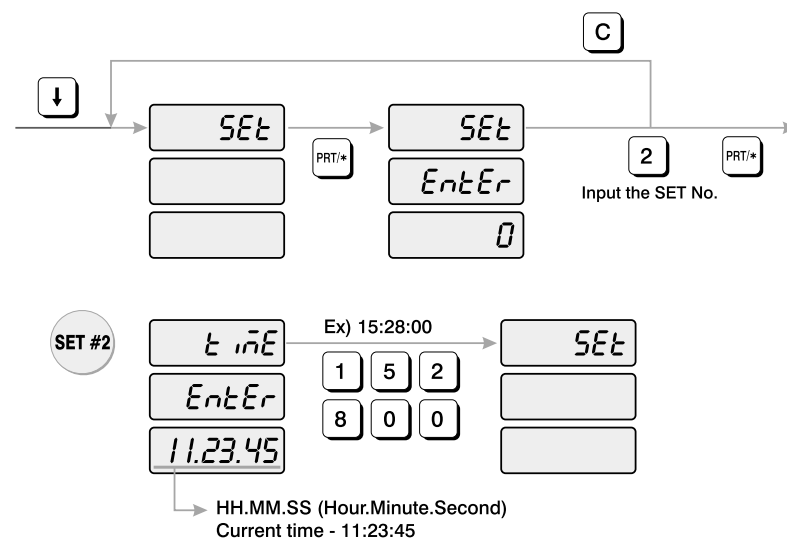
4.7.1 Programming the Date (SET #1)



How to program the date

- 1) To go to PROGRAM mode, press 10000 by using numeric keys and VOID key.
- 2) Press ↓ key five times.
- 3) The WEIGHT display shows “SEt”.
- 4) Press PRT/* key and the display shows “SEt EntEr 0”.
- 5) Press 1 key and PRT/* key.
- 6) The display shows “dAtE EntEr”.
- 7) Now type in the date in DAY/ MONTH/YEAR format. For example, April 19, 2005, would be entered as follows: 190405 The display shows “SEt”.
- 8) If you wish to finish PROGRAM mode, press C key.

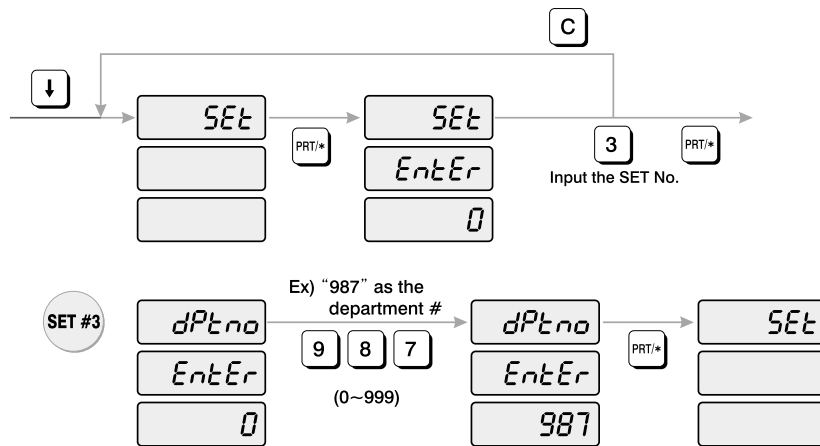
4.7.2 Programming the Time (SET #2)



How to program the Time

- 1) To go to PROGRAM mode press 10000 by using numeric keys and VOID key.
- 2) Press ↓ key five times.
- 3) The WEIGHT display shows “SEt”.
- 4) Press PRT/* key and the display shows “SEt EntEr”.
- 5) Press 2 key and PRT/* key. The display shows “t iME EntEr”.
- 6) Now type in the time in HOURS/MINUTES/SECONDS format. For example, 3:28:00 PM, would be entered as follows: 152800. The display shows “SEt”.
- 7) If you wish to finish PROGRAM mode, press C key.

4.7.3 Programming the Department Number (SET #3)



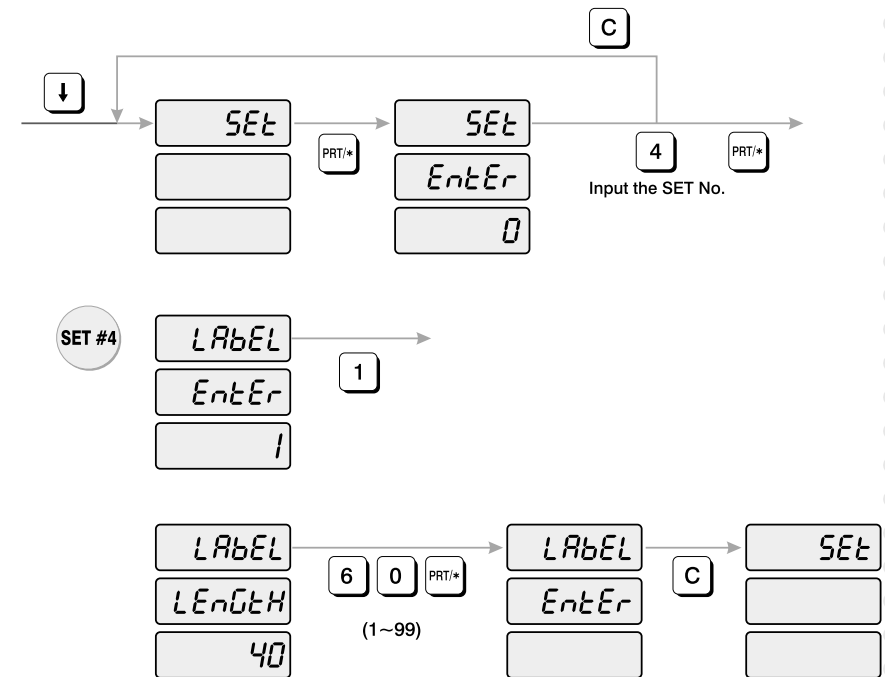
How to program the department number

- 1) To go to PROGRAM mode press 10000 by using numeric keys and VOID key.
- 2) Press ↓ key five times.
- 3) The WEIGHT display shows "SEt".
- 4) Press PRT/* key and the display shows "SEt EntEr".
- 5) Press 3 key and PRT/* key.
- 6) The display shows "dPtno EntEr 0".
- 7) The number in the TOTAL PRICE display is what the department number is currently programmed to. Type the department number. Department number can be from 0 to 999.
- 8) Press PRT/* key. The display shows "SEt".
- 9) If you wish to finish PROGRAM mode, press C key.

4.7.4 Programming the Label (SET #4)

The label format type controls the label size and barcode format.

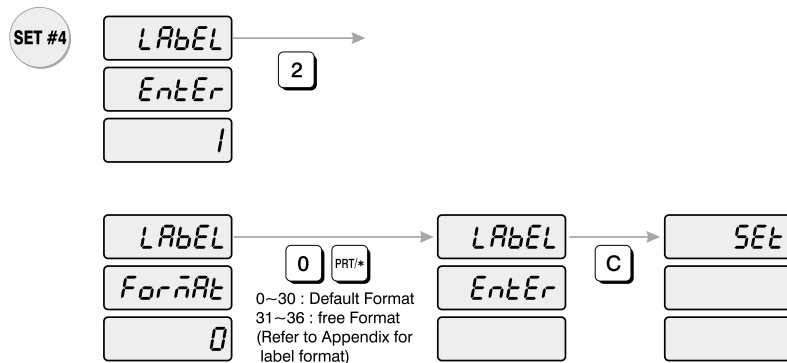
1) Label length



How to program the label length

- 1) To go to PROGRAM mode, press 10000 by using numeric keys and VOID key.
- 2) Press ↓ key five times.
- 3) The WEIGHT display shows "SEt".
- 4) Press PRT/* key and the display shows "SEt EntEr".
- 5) Press 4 key and PRT/* key.
- 6) The display shows "LABEL EntEr 1".
- 7) To program label length, press 1 key. The display shows "LABEL LEnGtH 40".
- 8) Enter label length that you have and presse PRT/* key. (Label length can be from 1 to 99.)
- 9) The display shows "LABEL EntEr". If you want to program label format press 2 key. If you want to go to SET menu, press C key.

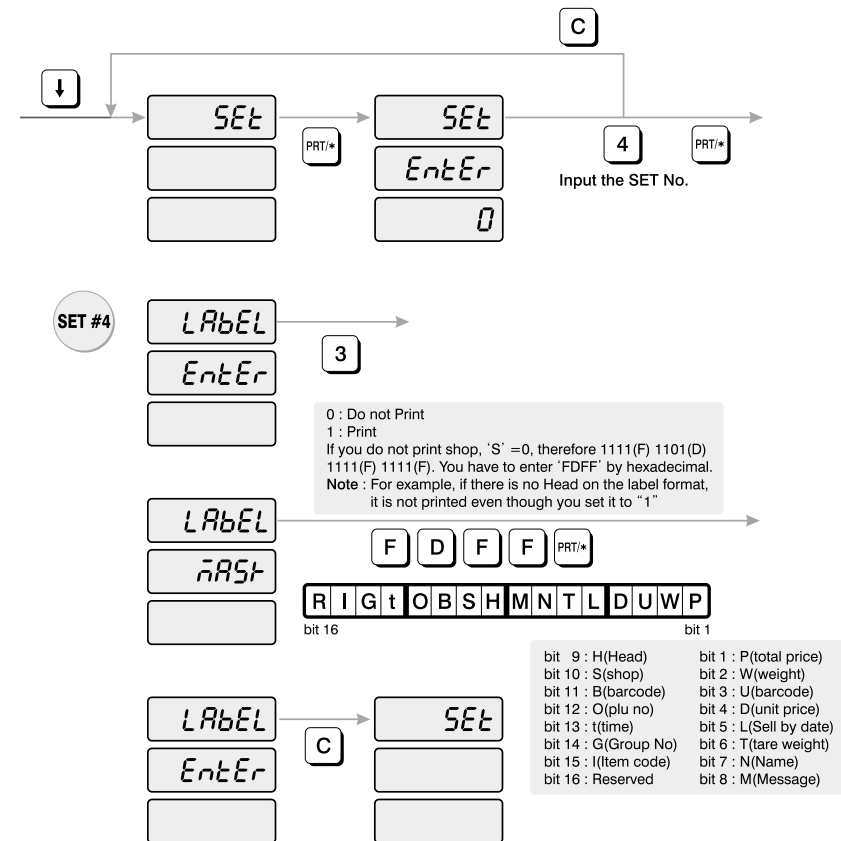
2) Label format



How to program the label format

- 1) To go to PROGRAM mode, press 10000 by using numeric keys and VOID key.
- 2) Press ↓ key five times.
- 3) The WEIGHT display shows "SEt".
- 4) Press PRT/* key and the display shows "SEt EntEr".
- 5) Press 4 key and PRT/* key.
- 6) The display shows "LABEL EntEr 1".
- 7) To program label format, press 2 key. The display shows "LABEL ForMAt 0".
- 8) Enter label format number and press PRT/* key.
(Label format number can be from 0 to 36. 0~30 : fixed format, 31~36 : free format. Refer to Appendix)
- 9) The display shows "LABEL EntEr". If you want to program label mask press 3 key. If you want to go to SET menu, press C key.

3) Label mask



How to program the label mask

- 1) To go to PROGRAM mode, press 10000 by using numeric keys and VOID key.
- 2) Press ↓ key five times.
- 3) The WEIGHT display shows "SEt".
- 4) Press PRT/* key and the display shows "SEt EntEr".
- 5) Press 4 key and PRT/* key.
- 6) The display shows "LABEL EntEr 1".
- 7) To program label mask, press 3 key. The display shows "LABEL MASK".
- 8) If you do not want to print Shop, you have to enter FDFF by hexadecimal and press PRT/* key.

R I G t O B S H M N T L D U W P
 bit 16 bit 1

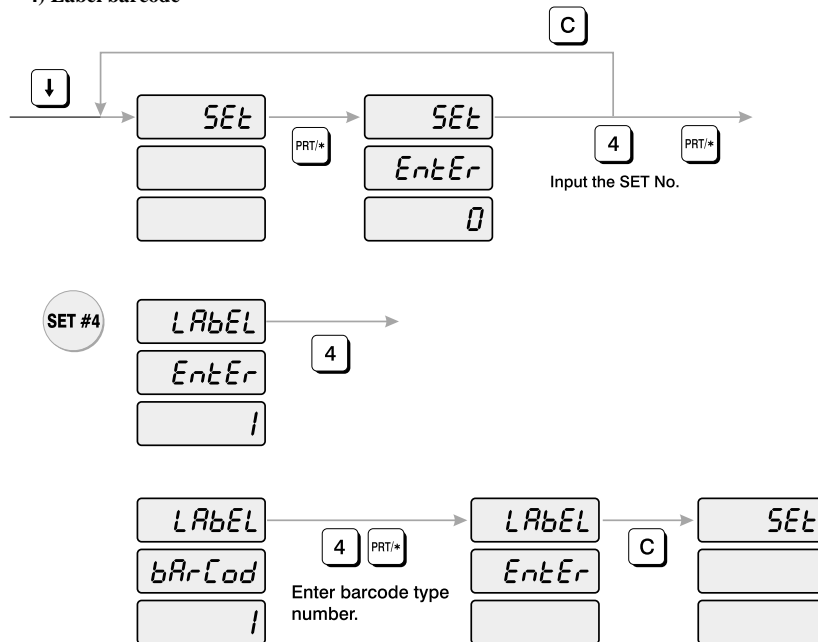
bit 9 : H(Head)
 bit 10 : S(shop)
 bit 11 : B(barcode)
 bit 12 : O(plu no)
 bit 13 : t(time)
 bit 14 : G(Group No)
 bit 15 : l(Item code)
 bit 16 : Reserved

bit 1 : P(total price)
 bit 2 : W(weight)
 bit 3 : U(barcode)
 bit 4 : D(unit price)
 bit 5 : L(Sell by date)
 bit 6 : T(tare weight)
 bit 7 : N(Name)
 bit 8 : M(Message)

NOTE : If there is no Head on the label format it is not printed even though you set it to “1” in label mask.

9) The display shows “LABEL EntEr”. If you want to program label barcode press “4” key. If you want to go to SET menu, press C key.

4) Label barcode



How to program the label barcode

- 1) To go to PROGRAM mode, press 10000 by using numeric keys and VOID key.
- 2) Press ↓ key five times.
- 3) The WEIGHT display shows “SEt”.
- 4) Press PRT/* key and the display shows “SEt EntEr”.
- 5) Press 4 key and PRT/* key.

6) The display shows “LABEL EntEr 1”.

7) To program label barcode, press “4” key. The display shows “LABEL bArCod”.

8) Look at the table and enter barcode number and press PRT/* key.

No	TYPE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
0	EAN 13	D	D	I	I	I	I	I	S	P	P	P	P	C					
1	EAN 13	D	D	I	I	I	I	I	S	P	P	P	P	C					
2	EAN 13	D	D	I	I	I	I	I	I	P	P	P	P	C					
3	EAN 13	D	D	I	I	I	I	I	P	D	D	D	P	C					
4	EAN 13	D	D	I	I	I	I	P	P	P	P	P	P	C					
5	EAN 13	D	D	I	I	I	P	P	P	D	D	D	P	C					
6	EAN 13	D	D	I	I	I	I	I	w	W	W	W	W	C					
7	EAN 13	D	D	I	I	I	I	I	I	W	W	W	W	C					
8	EAN 13	D	D	I	I	I	I	S	W	W	W	W	W	C					
9	EAN 13	D	D	I	I	P	P	P	P	P	P	P	P	C					
10	EAN 13	D	D	I	P	P	P	P	P	P	P	P	P	C					
11	EAN 13	D	D	I	I	I	I	t	W	W	W	W	W	C					
12	EAN 13	D	D	I	I	I	I	I	T	W	W	W	W	C					
13	12 of5	D	D	I	I	I	I	W	W	W	W	W	P	P	P	P	P	P	C
14	12 of5	D	D	I	I	I	I	U	U	U	U	U	P	P	P	P	P	P	C

D Department code or Group code of each PLU

I Item code number

S Check-sum for price (4 digit)

s Check-sum for price (5 digit)

T Check-sum for weight (4 digit)

t Check-sum for weight (5 digit)

P Price

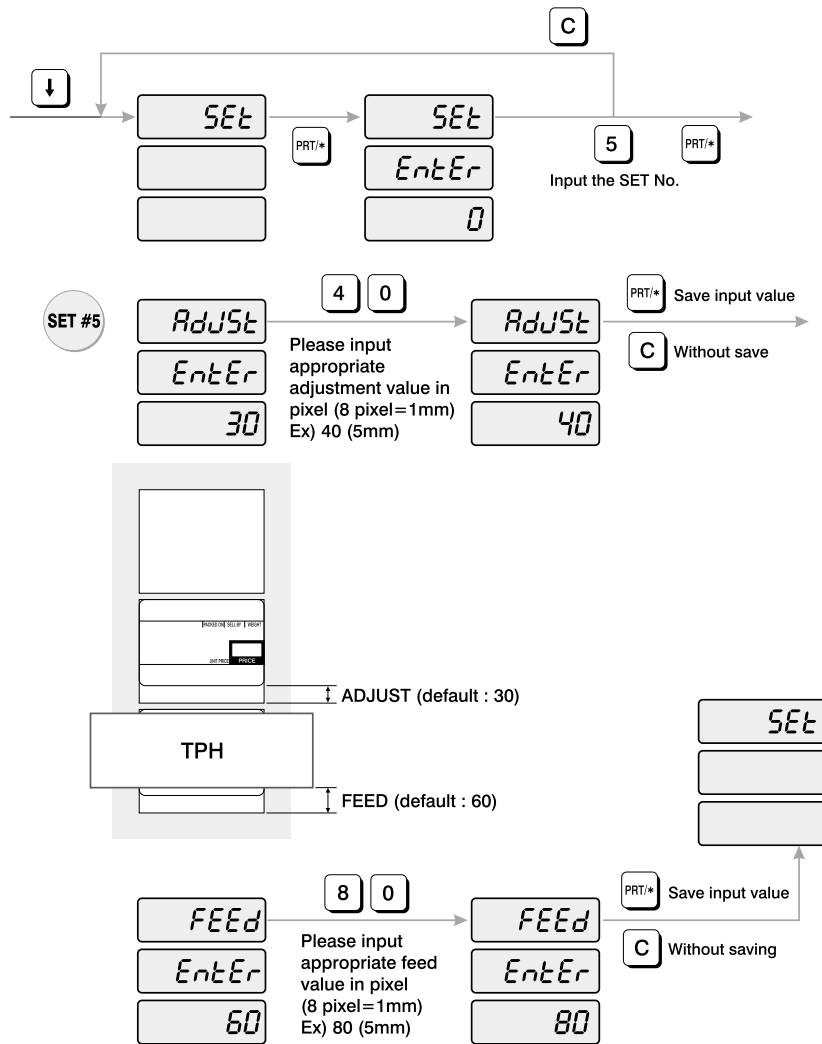
W Weight

C check-sum for all characters

9) The display shows “LABEL EntEr”. If you want to go to SET menu, press C key.

4.7.5 Programming the Adjust Number (SET #5)

- ADJUST is to adjust the position of label.
- FEED is to feed label(or receipt).

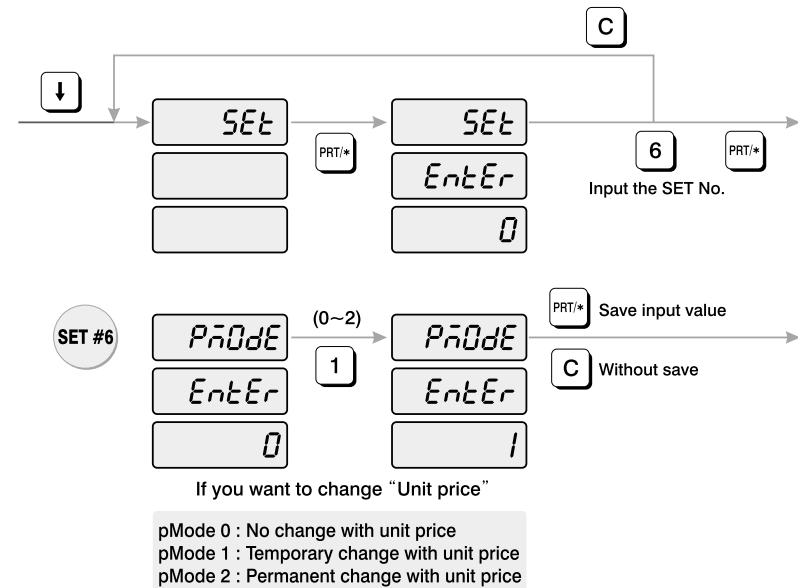


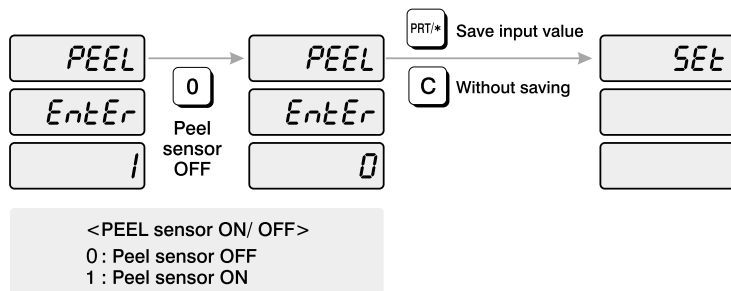
How to program the adjust number

- 1) To go to PROGRAM mode press 10000 by using numeric keys and VOID key.
- 2) Press ↓ key five times.
- 3) The WEIGHT display shows “SEt”.
- 4) Press PRT/* key, “SEt EntEr”.
- 5) Press “5” key and PRT/* key.
- 6) The display shows “AdJSt EntEr 30”.
- 7) Type the new adjust value by pixel unit on the Numeric keypad. (1mm/8pixel)
- 8) Press PRT/* key. The display shows “FEED EntEr 60”.
- 9) Type the new feed value by pixel unit Numeric keypad. (1mm/8pixel)
- 10) Press PRT/* key. The display shows “SEt”.
- 11) If you wish to finish PROGRAM mode press C key

4.7.6 Programming the Printing Information (SET #6)

The printing information controls the label size, PLU item description and barcode format.





How to program printing information

- 1) To go to PROGRAM mode, press 10000 by using numeric keys and VOID key.
- 2) Press ↓ key five times.
- 3) The WEIGHT display shows “SEt”.
- 4) Press PRT/* key, “SEt EntEr”.
- 5) Press 6 key and PRT/* key.
- 6) The display shows “PmodE EntEr 0”.
- 7) Look at the table below and type number that you want.

pMode 0 : No change with unit price
 pMode 1 : Temporary change with unit price
 pMode 2 : Permanent change with unit price

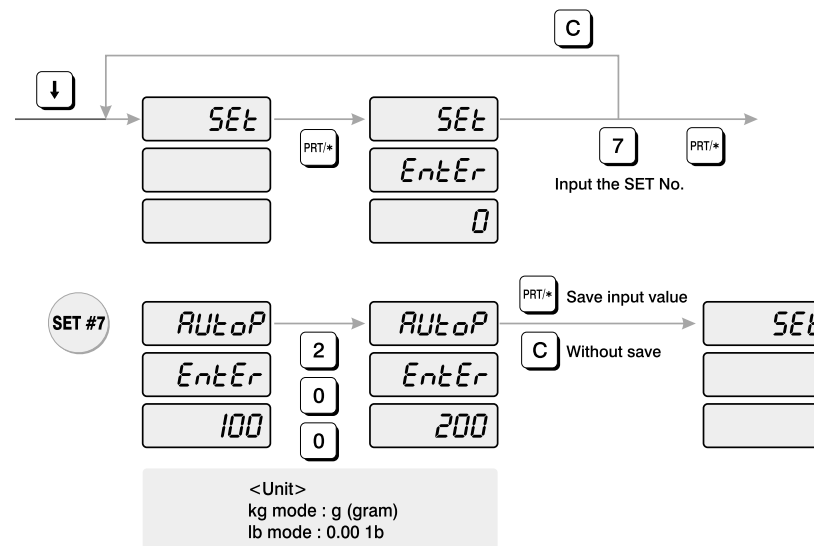
- 8) Press PRT/* key. The display shows “PEEL EntEr 1”.
- 9) Look at the table below and type number that you want.

<PEEL sensor ON/OFF>
 0 : Peel sensor OFF
 1 : Peel sensor ON

- 10) Press PRT/* key. The display shows “SEt”.
- 11) If you wish to finish PROGRAM mode, press C key

4.7.7 Programming the Auto Print Function (SET #7)

The auto print function is used to determine when an automatic buffered label should be printed or buffered. The number stored in auto print is a weight value which is equal to the amount of stabilized positive weight variance needed to print or buffer a label. For example, if the auto print value is set to “0.100”, then the scale will automatically print a label when the weight changes by 0.100g and stabilizes.

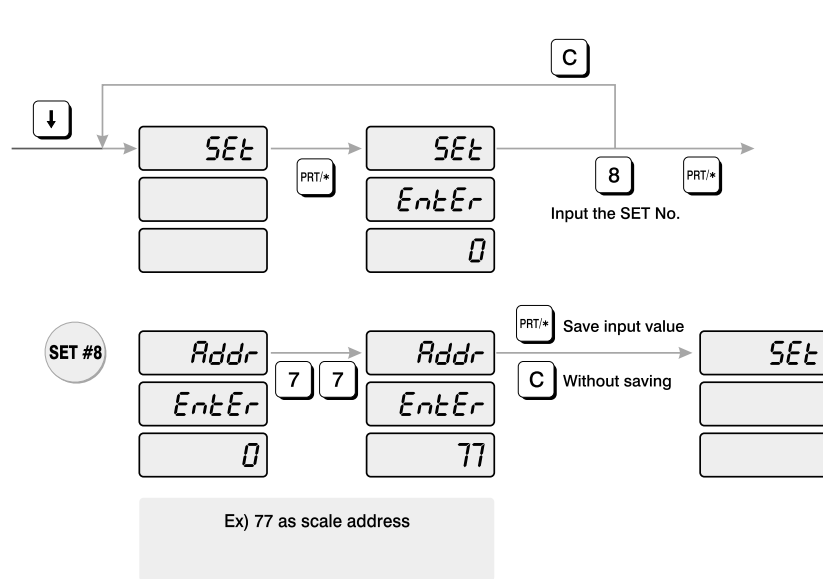


How to program auto print function

- 1) To go to PROGRAM mode, press 10000 by using numeric keys and VOID key.
- 2) Press ↓ key five times.
- 3) The WEIGHT display shows “SEt”.
- 4) Press PRT/* key, “SEt EntEr”.
- 5) Press 7 key and PRT/* key.
- 6) The display shows “AUtoP EntEr 100”.
- 7) The number in the Total Price display represents the weight sensitivity number by which your scale calculates auto print. The default is “0.100”. Enter the weight sensitivity number by using numeric keys.
- 8) Press PRT/* key. The display shows “SEt”.
- 9) If you wish to finish PROGRAM mode, press C key.

4.7.8 Programming Address (SET #8)

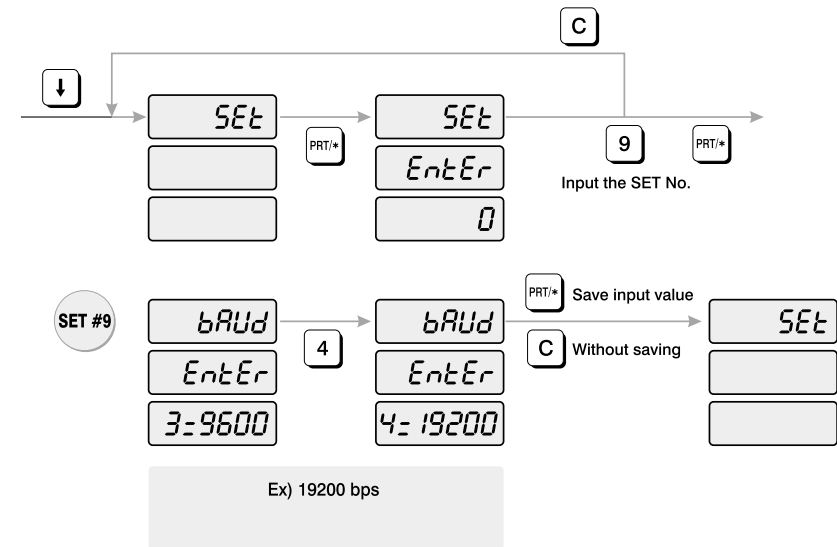
Address means the ID of the scale when you network scales. The address can be from 0 to 99.



How to program address

- 1) To go to PROGRAM mode, press 10000 by using numeric keys and VOID key.
- 2) Press ↓ key five times.
- 3) The WEIGHT display shows "SEt".
- 4) Press PRT/* key, "SEt EntEr".
- 5) Press 8 key and PRT/* key.
- 6) The display shows "Addr EntEr 0".
- 7) Enter address number by using numeric keys.
- 8) Press PRT/* key. The display shows "SEt".
- 9) If you wish to finish PROGRAM mode, press C key.

4.7.9 Programming Baud Rate (SET #9)



How to program baud rate

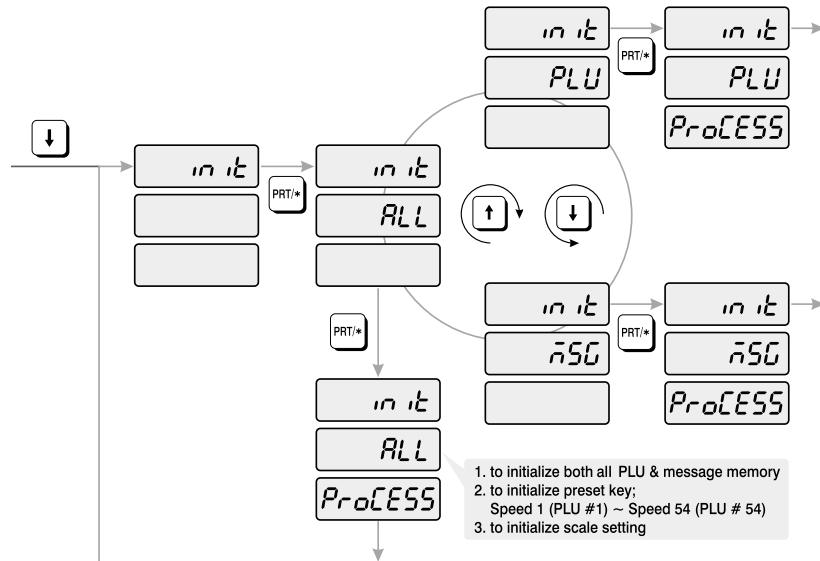
- 1) To go to PROGRAM mode, press 10000 by using numeric keys and VOID key.
- 2) Press ↓ key five times.
- 3) The WEIGHT display shows "SEt".
- 4) Press PRT/* key, "SEt EntEr".
- 5) Press 9 key and PRT/* key.
- 6) The display shows "bAUd EntEr 3=9600".
- 7) Look at table below and type number that you want.

<RS232c Baudrate>
 '1' = 2400bps
 '2' = 4800bps
 '3' = 9600bps
 '4' = 19200bps
 '5' = 38400bps
 '6' = 57600bps

- 8) Press PRT/* key. The display shows "SEt".
- 9) If you wish to finish PROGRAM mode, press C key.

4.8 INIT (Initialize PLU and MSG data)

You can initialize all PLU's data, MESSAGE data or ALL data.

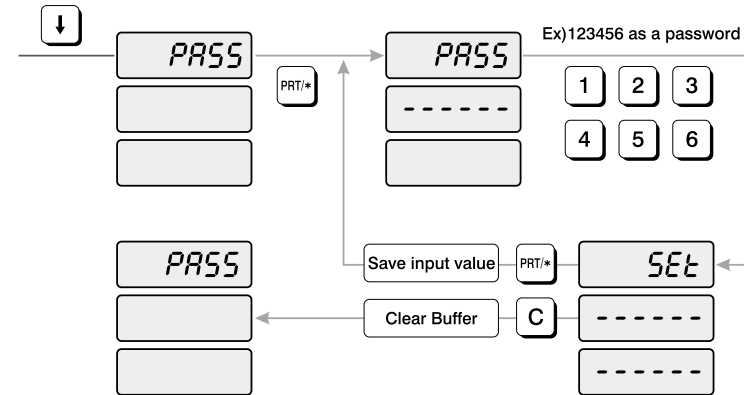


How to clear memory

- 1) To go to PROGRAM mode, press 10000 by using numeric keys and VOID key.
- 2) Press ↓ key six times.
- 3) The WEIGHT display shows "init".
- 4) Press PRT/* key and the display shows "init ALL". If you want to clear all PLU data and message data, press the PRT/* key. If you want to clear PLU or MESSAGE, press ↓ key or ↑ key to select PLU or MSG and press PRT/* key to clear it.
- 5) If you wish to finish PROGRAM mode, press C key.

4.9 Password

Password can be from 1000 to 999999 but you have to set the numbers of four digits. If you set it to 0, there is no password. Once you set password, you have to enter it to go to program mode.



How to program password

- 1) To go to PROGRAM mode, press 10000 by using numeric keys and VOID key.
- 2) Press ↓ key seven times.
- 3) The WEIGHT display shows "PASS".
- 4) Press PRT/* key and the display shows "PASS -----".
- 5) Type your password. (Password can be from 1000 to 999999 but you have to set the numbers of four digits. If you set it to 0, there is no use of password.)
- 6) Press PRT/* key. The display shows "PASS"
- 7) If you wish to finish PROGRAM mode, press C key.

5. ACCOUNT Mode

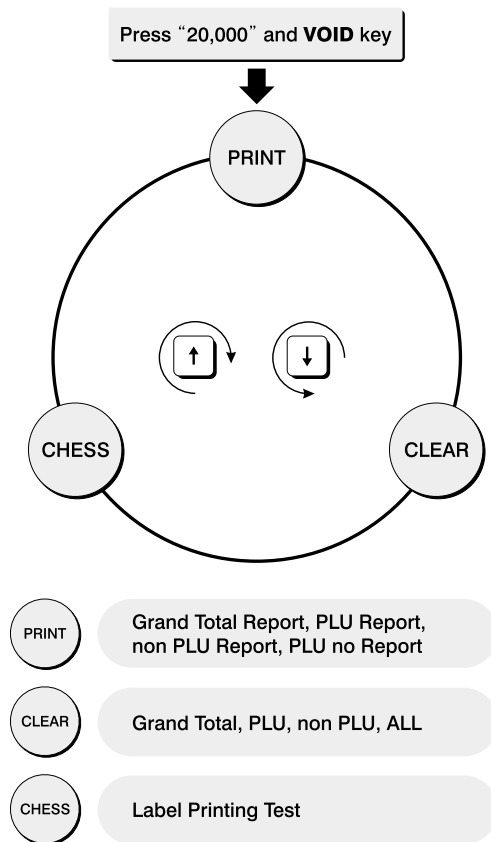
ACC mode is used for accessing sales totals, clearing all sales totals, and printhead check

5.1 System Maps

To go to ACCOUNT MODE, press 20000 by using numeric keys and VOID key.

You can press the ↓ key or ↑ key to go up and down the Main Menu in PROGRAM mode ONLY if the UNIT PRICE and TOTAL PRICE displays are BLANK! The same rule applies in PGM mode.

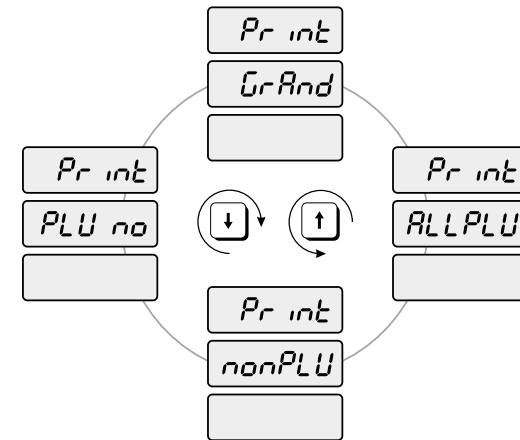
If you want to use the ↓ key or ↑ key to go up and down a menu and the UNIT PRICE and TOTAL PRICE displays are NOT blank, you must first press the PRT/* key. After the UNIT PRICE and TOTAL PRICE displays are blank. You can use the ↓ key or ↑ keys.



5.2 Print Report

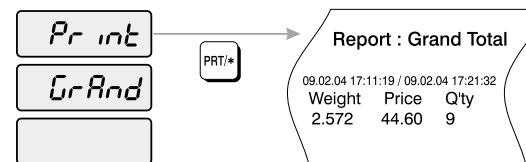
There are four types of sales reports : Grand Total, ALL PLU, Non-PLU, and PLU no. Each of the reports prints on a label; the PLU prints a report label for each PLU that had sales activity. All reports labels contain the starting time and date, since the last time the sales report was cleared, the current time and date, and other data.

You can use the ↓ key or ↑ key to select Grand total, ALL PLU, non PLU, or Individual PLU.



5.2.1 Grand Total

Grand Total sales report tells you how much money the Non-PLU item made, how much all PLUs made, and both together.



- 1) To go to ACCOUNT mode, press 20000 by using numeric keys and VOID key.
- 2) The display shows "Print".
- 3) Press PRT/* key. The display shows "Print GrAnd".
- 4) Press PRT/* key. The scale will issue a Report Label and the display shows "Print GrAnd".
- 5) You can use the ↓ key or ↑ key to select ALL PLU, non PLU, or Individual PLU. (To go to PRINT menu, press the C key. To finish ACCOUNT mode, press the C key again.)

5.2.2 All PLU

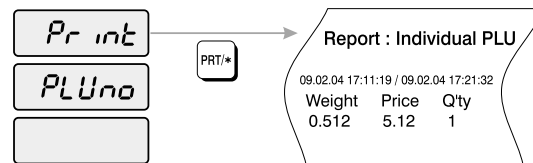
There are two ways to take the PLU sales report: individually or ALL PLU. The All PLU report will generate labels of those PLUs that had sales activity.



To take the All PLU sales report,

- 1) To go to ACCOUNT mode, press 20000 by using numeric keys and VOID key.
- 2) The display shows "Print".
- 3) Press PRT/* key. The display shows "Print GrAnd".
- 4) Press ↓ key or ↑ keys until the display shows "Print ALLPLU".
- 5) Press PRT/* key. The scale will issue a Report Label of all the PLUs with sales activity.
- 6) You can use the ↓ key or ↑ key to select, Grand total, non PLU, or Individual PLU. To go to PRINT menu, press the C key. To finish ACCOUNT mode, press the C key again.

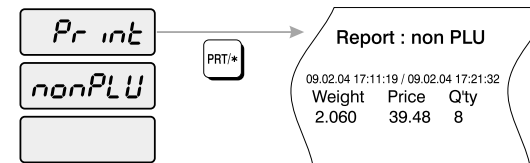
5.2.3 Individual PLU



- 1) To go to ACCOUNT mode, press 20000 by using numeric keys and VOID key.
- 2) The display shows "Print".
- 3) Press PRT/* key. The display shows "Print GrAnd".
- 4) Press ↓ key or ↑ keys until the display shows "Print PLUno".
- 5) Press PRT/* key. The display shows "Print PLUno 0".
- 6) Type PLU number that you wish to take, and press the PRT/* key. The scale will issue a Report Label of individual PLU with sales activity.
- 7) You can use the ↓ key or ↑ key to select Grand total, ALL PLU, or non PLU. (To go to PRINT menu, press the C key. To finish ACCOUNT mode, press the C key again.)

5.2.4 Non-PLU

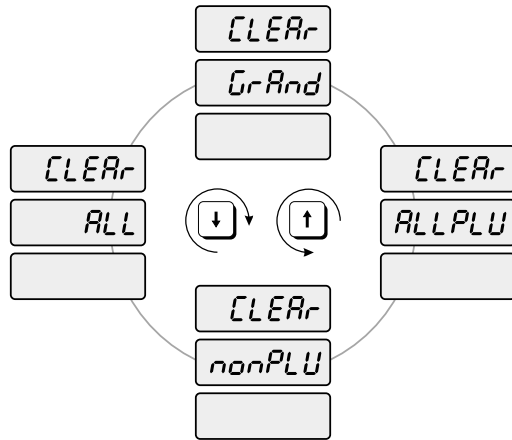
Non-PLU Report allows you to see how much and items were sold under the NON-PLU item descriptor.



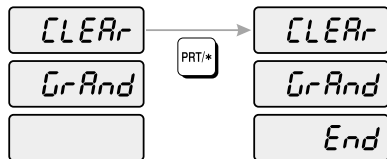
- 1) To go to ACCOUNT mode, press 20000 by using numeric keys and VOID key.
- 2) The display shows "Print".
- 3) Press PRT/* key. The display shows "Print GrAnd".
- 4) Press ↓ key or ↑ keys until the display shows "Print nonPLU".
- 5) Press PRT/* key. The scale will issue a Report Label of non-PLU with sales activity.
- 6) You can use the ↓ key or ↑ key to select Grand total, ALL PLU, or individual PLU. (To go to PRINT menu, press C key. To finish ACCOUNT mode, press the C key again.)

5.3 Clearing Sales Data

If you want to clear sales data, you have to use this function after you have already printed the sales data you needed.



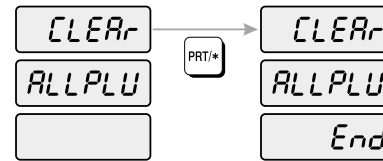
5.3.1 Grand Total



This clear function is to clear "Grand total" data It includes grand total of "Weight", "Price", "Quantity" sold.

- 1) To go to ACCOUNT mode, press 20000 by using numeric keys and VOID key.
- 2) Press ↓ key. The display shows "CLEARr".
- 3) Press PRT/* key. The display shows "CLEARr GrAnd".
- 4) Press PRT/* key. The display shows "CLEARr GrAnd End".
- 5) You can use the ↓ key or ↑ key to select ALL PLU, nonPLU, or ALL. (To go to CLEAR menu, press the C key. To finish ACCOUNT mode, press the C key again.)

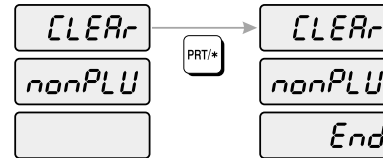
5.3.2 All PLU



This clear function is to clear total amount of ALL PLU sales as a whole. It includes total of "Weight", "Price", "Quantity" sold.

- 1) To go to ACCOUNT mode, press 20000 by using numeric keys and VOID key.
- 2) Press ↓ key. The display shows "CLEARr".
- 3) Press PRT/* key. The display shows "CLEARr GrAnd".
- 4) Press ↓ key or ↑ keys until the display shows "CLEARr ALLPLU".
- 5) Press PRT/* key. The display shows "CLEARr ALLPLU End".
- 6) You can use the ↓ key or ↑ key to select nonPLU, ALL, or GrAnd. (To go to CLEAR menu, press key. To finish ACCOUNT mode, press the C key again.)

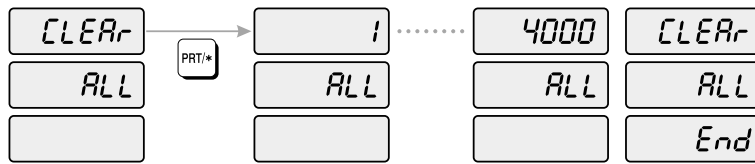
5.3.3 Non- PLU



This clear function is to clear total amount of "non-PLU" sales as a sum. It includes total of "Weight", "Price", "Quantity" sold.

- 1) To go to ACCOUNT mode, press 20000 by using numeric keys and VOID key.
- 2) Press ↓ key. The display shows "CLEARr".
- 3) Press PRT/* key. The display shows "CLEARr GrAnd".
- 4) Press ↓ key or ↑ keys until the display shows "CLEARr nonPLU".
- 5) Press PRT/* key. The display shows "CLEARr nonPLU End".
- 6) You can use the ↓ key or ↑ key to select ALL, GrAnd, or ALLPLU. (To go to CLEAR menu, press C key. To finish ACCOUNT mode, press the C key again.)

5.3.4 All

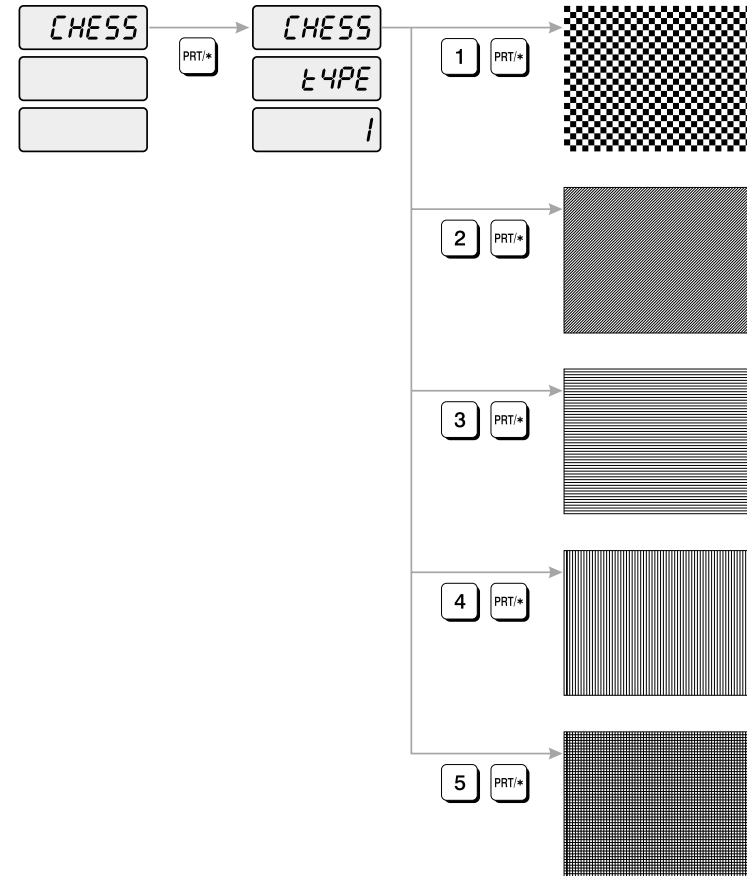


This clear function is to clear all of Individual PLU(PLU#1-PLU#4,000) sale data. It includes all of "Weight", "Price", "Quantity" data of individual PLU.

- 1) To go to ACCOUNT mode, press 20000 by using numeric keys and VOID key.
- 2) Press ↓ key. The display shows "CLEAR".
- 3) Press PRT/* key. The display shows "CLEAR GrAnd".
- 4) Press ↓ key or ↑ keys until the display shows "CLEAR ALL".
- 5) Press PRT/* key. The display shows "CLEAR ALL END".
- 6) You can use the ↓ key or ↑ key to select GrAnd, ALLPLU or nonPLU. (To go to CLEAR menu, press C key. To finish ACCOUNT mode, press the C key again.)

5.4 Printhead Check (CHESS)

You can use this function to check the quality of print and if there are any scratches or burn on the printhead. This function produces a pattern on the label which you can use to determine the condition of the printhead.



- 1) To go to ACCOUNT mode, press 20000 by using numeric keys and VOID key.
- 2) Press ↓ key two times. The display shows "CHESS".
- 3) Press PRT/* key. The display shows "CHESS tyPE 1"
- 4) Enter chess type and press PRT/* key. The scale will issue a label. Compare labels to the samples above to determine the condition of your printhead.
- 5) To go to CHESS menu, press C key. To Finish ACCOUNT mode, press the C key again.

6. Error Messages

Error 1	The PLU number you have called up does not exist.
Error 2	The PLU number you have called up is out of range.
Error 3	The weight on the platter is not stable or you have pressed the keys before the weight became stable.
Error 4	Tare weight was set.
Error 5	PLU data is corrupted or broken. Backup RAM, initialize the scale, re-enter the bad data, and load new data into scale.
Error 6	You have pressed the PRT/* while the Printer Control Switch was in STOP mode.
Error 7	The RS-232C cable that you are using is not wired properly, possible break in the cable, or communications error.
Error 8	Impossible to transfer PLU data between two scales. Remove unit price by pressing C key.
Error 9	You have an RS-232C communication error, please try again.
Error 10	The tare weight you entered was not valid: re-enter tare weight.
Error 11	The tare weight you entered was out of range.
Error 12	Loaded weight is below minimum weight of OIML regulation.
Error 14	You have pressed the PRT/* key after the label roll was exhausted. Exchange the label roll, press the C key and release the error message. Adjust the initial printing state by pressing the FEED key. The label roll you used was broken away from the interrupt sensor : replace the label roll between the two green sensor caps and fix the label roll pin.
Error 15	You attempted to print a label when there is an issued label, please remove the issued one. You have pressed PRT/* key when the printer front cover is not placed properly. You attempted to print a label when the print head is in the lifted-up : push it down and it is issued a label paper automatically.
Zero range Error	Initial weight is not valid. Make sure platter is properly installed SCALE is not stable : scale is installed on a unstable place
d0 CAL :	Setup data is broken.

7. Specifications

MODEL	LP-1.6, LP-1.6R			
CAPACITY	6 kg	15 kg	30 kg	
TARE WEIGHT RANGE	UP TO 2.990 kg	UP TO 5.990 kg	UP TO 9.995 kg	
DISPLAY	WEIGHT (5) / UNIT PRICE (6) / TOTAL PRICE (7)			
LAMP INDICATOR	ZERO, TARE, SAVE, AUTO, SHIFT			
MEMORY CAPACITY	4000 PLUS - 1000 MSGs			
PRINTING TYPE	THERMAL DIRECT PRINT			
LABEL & ROLL STOCK CAPACITY (SIZE)	1,000 LABELS (58mm × 30mm) / 700 LABELS (58mm × 40mm) 500 LABELS (58mm × 50mm) / 400 LABELS (58mm × 60mm)			
PRINTABLE WEIGHT	NOT FOLLOWING OIML 4.17		FOLLOWING OIML 4.17	
	MANUAL MODE	AUTO MODE	MANUAL MODE	AUTO MODE
	OVER 0 kg	OVER 2 DIGIT	OVER 20 DIGIT	OVER 20 DIGIT
INTERFACE	RS232C			
POWER SOURCE	AC 110V / 120V / 220V / 240V (50Hz / 60Hz)			
POWER CONSUMPTION	MAX, 100W			
OPERATING TEMPERATURE	-10 °C ~ +40 °C			
DIMENSION	LP-1.6		LP-1.6(R)	
	410 × 430 × 195		410 × 430 × 595(R)	
NET WEIGHT	13kg			

APPENDIX

LABEL FORMAT

0	1
<p>58mm × 40mm (W × H)</p>	<p>58mm × 30mm</p>
2	3
<p>58mm × 40mm (W × H)</p>	<p>58mm × 30mm</p>
4	5
<p>54mm × 35mm</p>	<p>54mm × 35mm</p>
6	7
<p>54mm × 35mm</p>	<p>58mm × 40mm</p>

8	9
<p>58mm × 40mm</p>	<p>58mm × 40mm</p>
10	11
<p>58mm × 40mm</p>	<p>58mm × 40mm</p>
12	13
<p>58mm × 40mm</p>	<p>48mm × 40mm</p>
14	15
<p>48mm × 40mm</p>	<p>48mm × 40mm</p>

16 54mm × 53mm



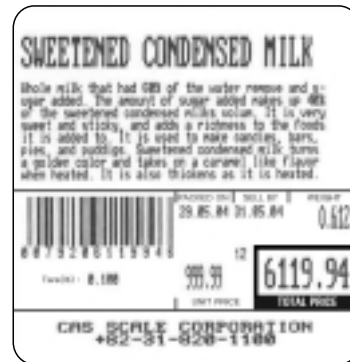
17 54mm × 53mm



22 58mm × 60mm



23 58mm × 60mm



18 48mm × 54mm



19 48mm × 54mm



24 48mm × 68mm



25 48mm × 68mm



20 58mm × 51mm



21 58mm × 51mm



26 48mm × 68mm

**FLOUR
POTATO STARCH**

Potato starch flour is a non-gluten forming flour that is ground from dried, cooked potatoes. It is a fine textured flour that has a mild potato flavor. Potato starch flour may be used in combination with a gluten forming flour, such as a all-purpose flour. It is available bleached and unbleached.

PACKED ON 23.85.84
SELL BY 27.85.84

0.532 777.77 4448.84

NET WT. PRICE/10 TOTAL PRICE

CAS SCALE CORPORATION

27 58mm × 63mm

**SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>**

Whole milk that had 98% of the water remove and sugar added. The amount of sugar added makes up 48% of the sweetened condensed milk value. It is very sweet and sticky, and adds a richness to the foods it is added to. It is used to make candies, bars, pies, and puddings. Sweetened condensed milk turns a golden color and takes on a caramel like flavor when heated. It is also thickens as it is heated.

PACKED ON 23.85.84
SELL BY 31.85.84

0.612 999.99 6119.94

NET WT. PRICE/10 TOTAL PRICE

CAS SCALE CORPORATION
+82-31-828-1188

30 58mm × 60mm

**SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>**

Whole milk that had 98% of the water remove and sugar added. The amount of sugar added makes up 48% of the sweetened condensed milk value. It is very sweet and sticky, and adds a richness to the foods it is added to. It is used to make candies, bars, pies, and puddings. Sweetened condensed milk turns a golden color and takes on a caramel like flavor when heated. It is also thickens as it is heated.

23.85.84 31.85.84

0.612

999.99 6119.94

NET WT. PRICE/10 TOTAL PRICE

CAS SCALE CORPORATION
+82-31-828-1188

28 58mm × 63mm

SWEETENED CONDENSED MILK

Whole milk that had 98% of the water remove and sugar added. The amount of sugar added makes up 48% of the sweetened condensed milk value. It is very sweet and sticky, and adds a richness to the foods it is added to. It is used to make candies, bars, pies, and puddings. Sweetened condensed milk turns a golden color and takes on a caramel like flavor when heated. It is also thickens as it is heated.

PACKED ON 23.85.84
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0.612 999.99 6119.94

NET WT. PRICE/10 TOTAL PRICE

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+82-31-828-1188

29 58mm × 60mm

**SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>**

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23.85.84 31.85.84

0.612 999.99 6119.94

NET WT. PRICE/10 TOTAL PRICE

CAS SCALE CORPORATION
+82-31-828-1188

MEMO