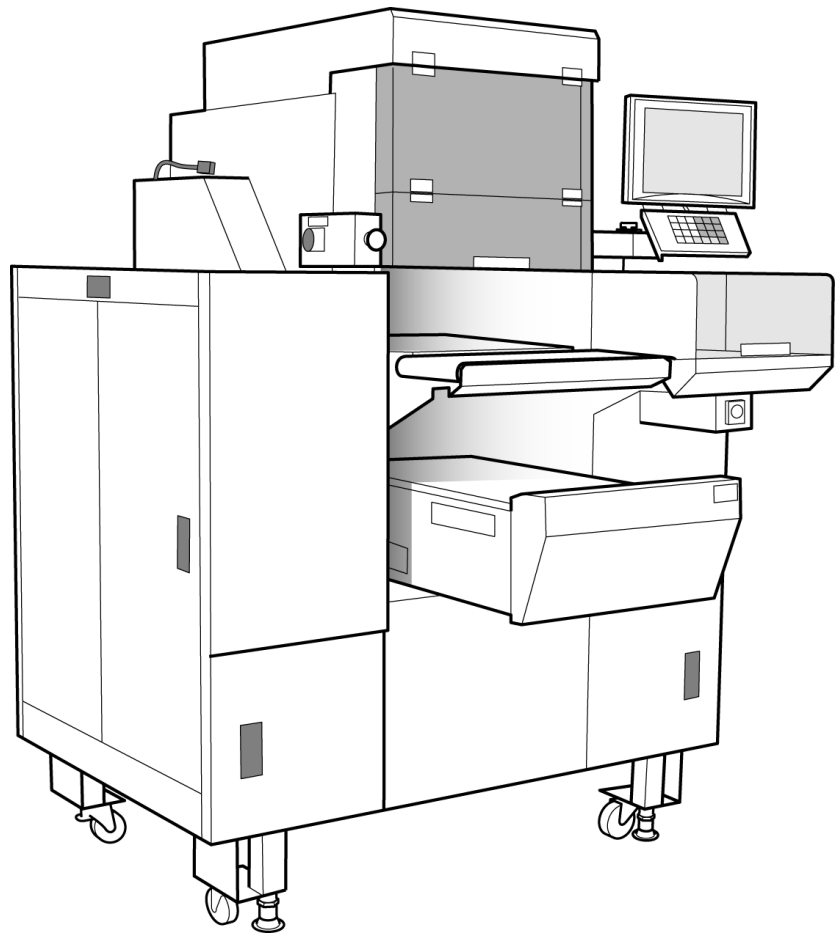


Automatic Weigh/Wrap Labeling Machine

Omni-4000ST

User's Manual



IMPORTANT

- Read this manual thoroughly, and do not perform installation, operation, maintenance, or inspection unless you fully understand all of the contents.
- Keep this manual in a safe place where you can refer to it easily while installing, operating, and carrying out maintenance or inspections.

ISHIDA CO., LTD.

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Important Notice

Thank you for purchasing the ISHIDA Omni-4000ST.
This manual explains the procedures to install, operate, and maintain the machine.

Those who handle the machine must be aware of the hazards involved. These dangers may not be obvious, so it is imperative to follow the instructions detailed in this manual when installing, operating, and maintaining the machine. Therefore, we recommend that you thoroughly read and understand this manual before installing, operating, or maintaining the machine, and keep this manual in a safe place where you can refer to it whenever necessary.

Safety countermeasures should be carefully considered and implemented before performing any installation, operation, or maintenance procedure not specifically described in this manual or indicated on the machine itself.

ISHIDA is not liable for any damage, loss or injury that results from incorrect operation, insufficient caution, unauthorized modifications to the machine, or failure to follow the instructions contained in this manual.

Change in Specifications

Machine specifications and accessories may be changed at any time due to improvements or other reasons. Consult with your ISHIDA representative at any time to confirm the actual specifications of the purchased machine.

Errors and Omissions

The information in this manual has been carefully checked and is believed to be accurate. However, please understand that the descriptions in this manual may not agree with the actual machine due to machine improvements. The information is subject to change without prior notice in the future. ISHIDA assumes no responsibility for clerical, typographical or proofreading errors, or omissions.

Limitations of Liability

ISHIDA assumes no responsibility for special, indirect, or consequential damages, loss of profits or commercial loss in any way connected with the machine, whether such claim is based on contract, warranty, negligence, or strict liability.

SHIDA shall assume responsibility for problems with the machine or the system based on an individual maintenance contract. However, ISHIDA shall not be responsible for secondary problems.




ISHIDA assumes no responsibility for the user's programming of this machine, or any consequence thereof.

In no event shall ISHIDA be responsible for warranty, repair, or other claims regarding the machine unless ISHIDA's analysis confirms that the machines were properly handled, stored, installed, and maintained and not subject to contamination, abuse, misuse, or inappropriate modification or repair.

Precaution Symbols

This machine is manufactured for use according to proper procedures by a qualified operator and only for the purposes described in this manual.

Warning symbols in this manual are divided into three categories, depending on the level of danger, or seriousness of potential injury. The definition of each of these warnings and precautions is shown below. Failure to heed these warnings or precautions may result in bodily injury or damage to the machine.

 DANGER	Indicates information that, if not heeded, is likely to result in loss of life or serious injury.
 WARNING	Indicates information that, if not heeded, could possibly result in loss of life or serious injury.
 CAUTION	Indicates information that, if not heeded, could result in relatively serious or minor injury, damage to the machine, or faulty operation.

Precaution Stickers

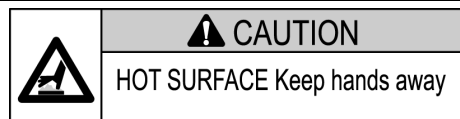
Warning stickers are affixed to the machine to warn operators of possible dangers.

Keep these stickers clean at all times.

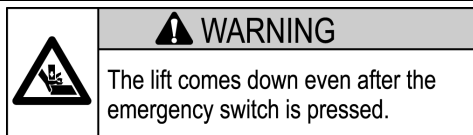
Take precautions to ensure that they do not become unreadable or peel off.



This sticker indicates that the main power should be disconnected when performing any type of internal maintenance or service on the machine.



This sticker indicates that hands should be kept away from hot surfaces.



This sticker indicates that there is a danger hands may get caught when the lift comes down, even after the emergency switch has been pressed.



This sticker is placed on parts where there is a danger of the operator being cut by a cutting mechanism such as the cutter. Always press the emergency stop button before starting work near any cutting mechanism.



This sticker indicates that the maximum load at full extension should not exceed 10 lbs. on the in-feed conveyer cover.

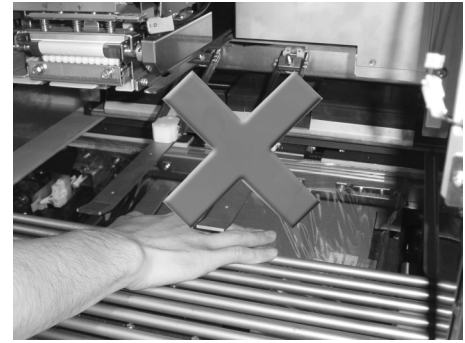


This sticker indicates that there is a danger of electric shock on the power supply unit cover.

Handling Precautions

- **DO NOT PUT HANDS IN THE WEIGHING, INFEEEDING, OR WRAPPING AREAS.**

When you need to put your hand inside to take something out of the wrapping area, always press the Emergency Stop Button first. Otherwise, your hand may be caught in the machine.



- **KEEP HANDS AWAY FROM THE FILM CUTTER.**

When you need to change the film or do anything near the film cutter, ensure to press the Emergency Stop Button first. Otherwise, the film cutter may come out and cut your hand.



- **KEEP HANDS AWAY FROM THE FILM ROLLERS.**

When you need to change the film or do anything near the film rollers, ensure to press the Emergency Stop Button first. Otherwise, your hand may get caught in the film roller.



- **DO NOT TOUCH, OR ALLOW CLOTHING TO TOUCH THE HEATER CONVEYER.**

The heater conveyer will remain hot for some time even after the power is switched OFF, and can cause burns if touched.

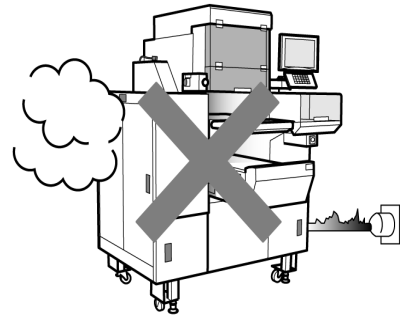
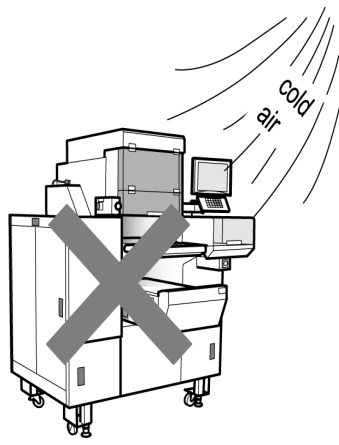
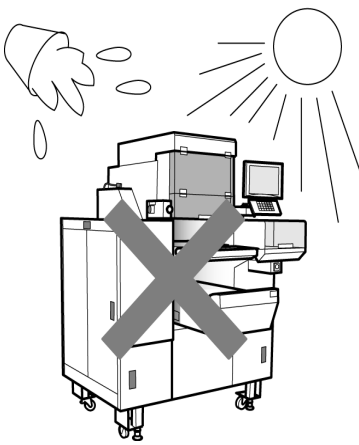


Installation Precautions

WARNING

Avoid the following places when installing the machine:

- Places subject to high temperatures or high humidity
- Places exposed to direct sunlight
- Places where water or other liquids are easily spilled on the machine
- Places subject to excessive vibration or unstable foundations
- Places exposed to direct cold air from air conditioners or refrigerators
- Places where the floor or foundation is unstable
- Places subject to a lot of dust or dirt
- Places with large voltage fluctuations

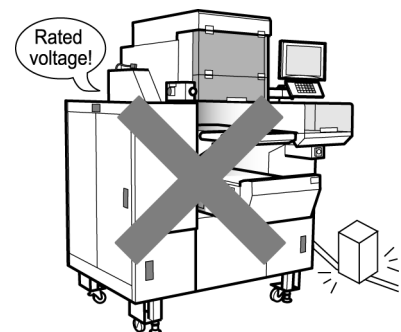


Power Supply Precautions

WARNING

Heed the following precautions about power supply:

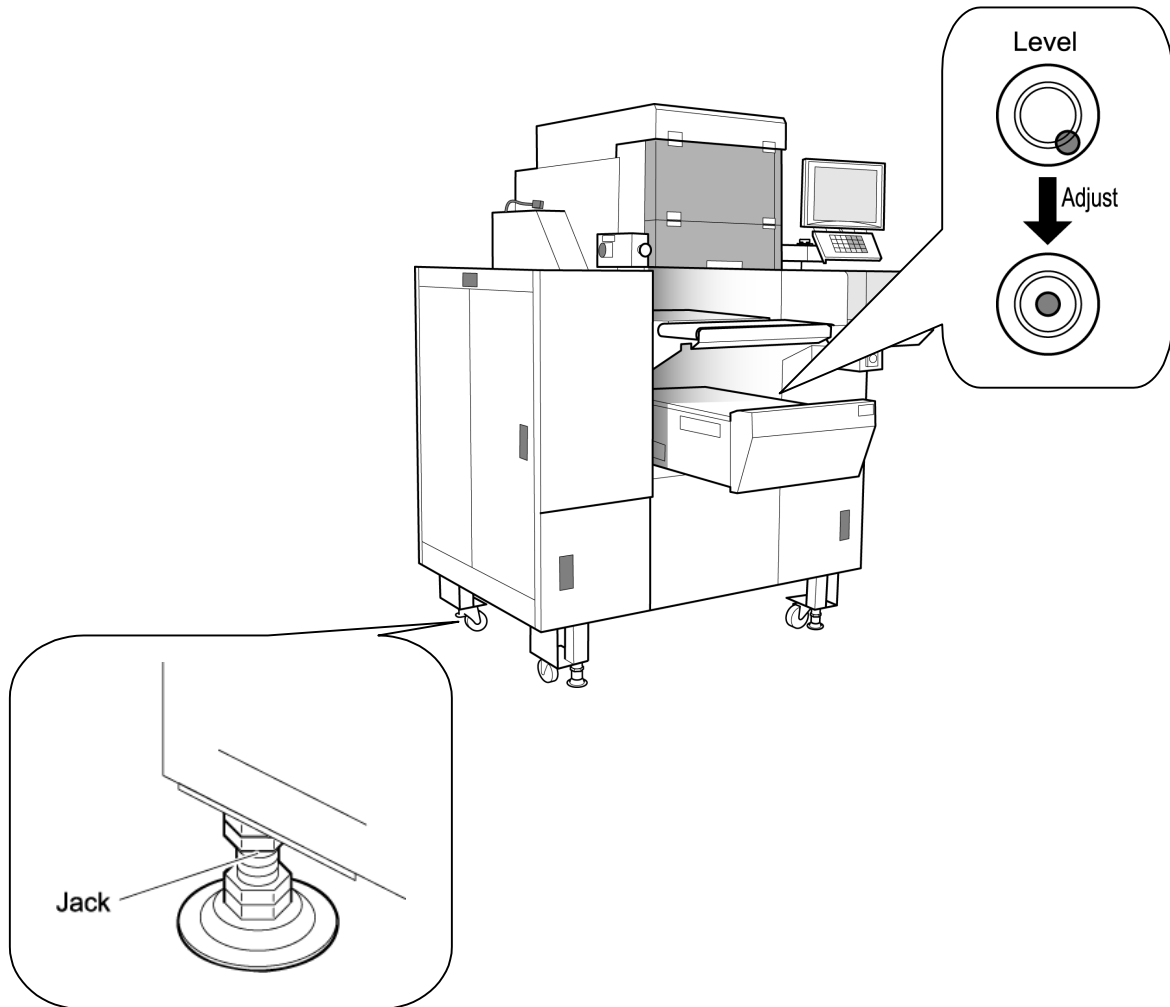
- Use a power supply with rated voltage ground.
- Prepare a dedicated power source.
A power supply that generates voltage variation may cause a malfunction.
- Do not stand on the power cord, and do not place anything heavy on the cord.
Doing so may damage the cord, resulting in accident or trouble.



Level Adjustment Precautions

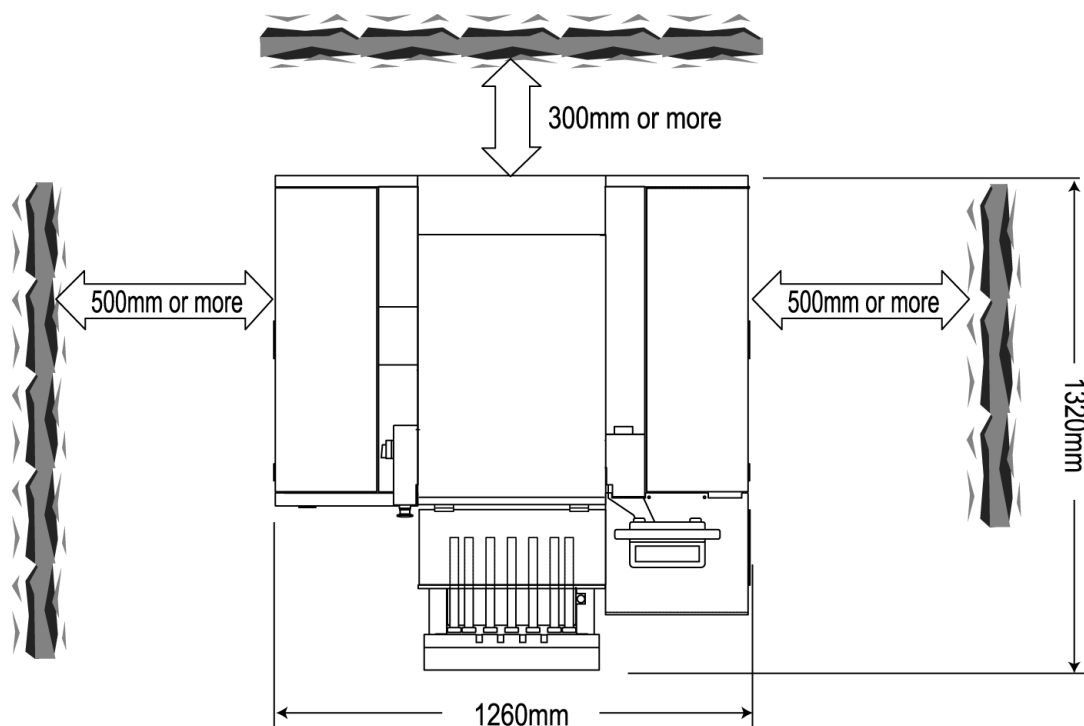
- **Always ensure that the machine is level.**

If the level is not centered, weighing will not be accurate and wrapping will not be performed well. Adjust the level adjusting feet until the bubble inside the level indicator is centered.



Installation Space Precautions

Allow ample space on either side of the machine and behind the machine to ensure easy access for maintenance.



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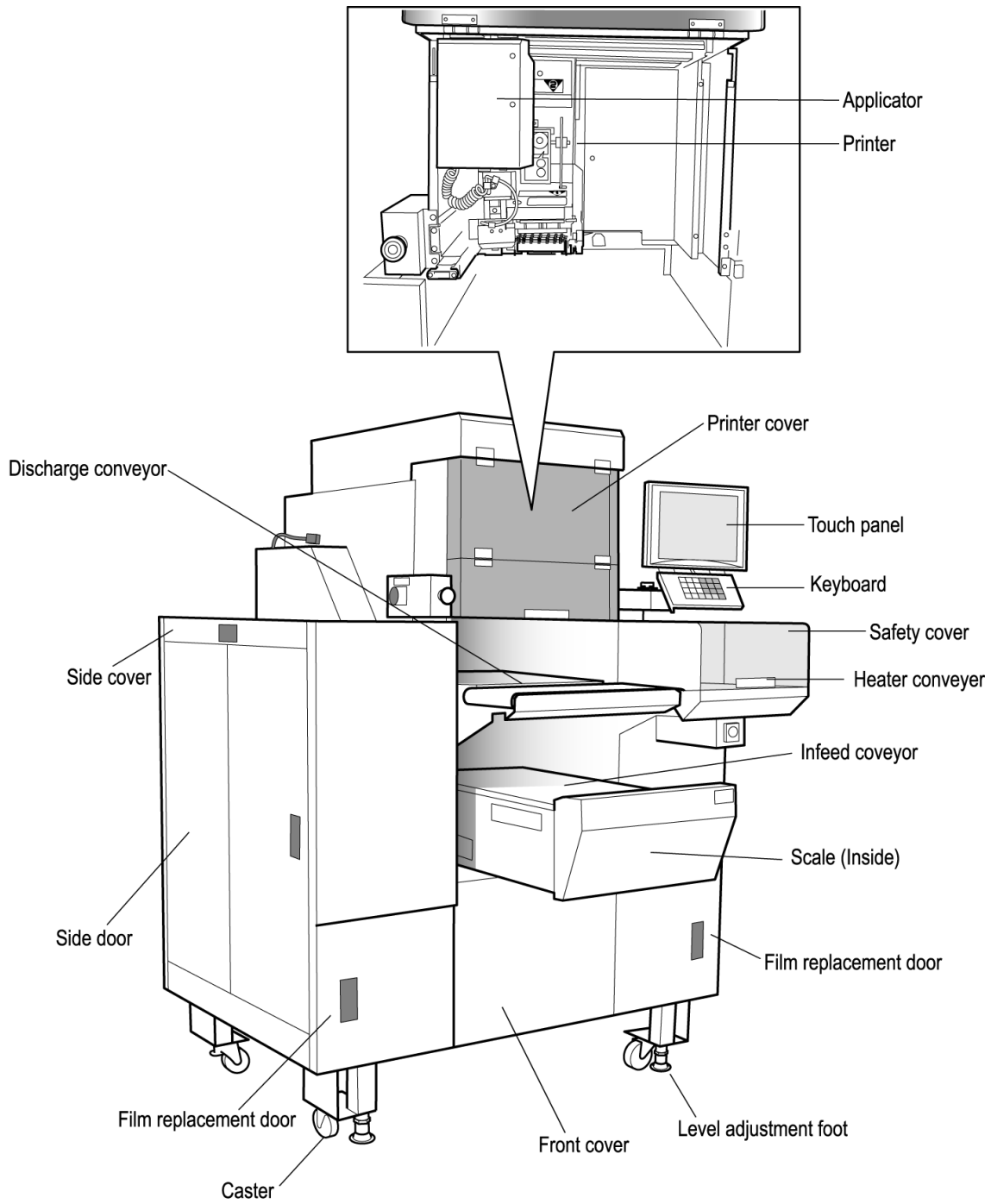
1

BEFORE USING THIS MACHINE

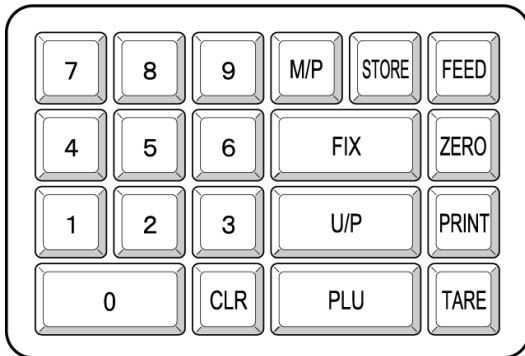
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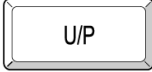








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1.1 NAME OF EACH PART



1.2 STROKE KEYS



	Used to change a fixed price or change a unit-price PLU to a fixed-price PLU.
	Used to change a unit price or change a fixed-price PLU to a unit-price PLU.
	Used to call a PLU, tray, or message after numeric entry. Also, used to discharge a commodity remaining in the wrapping area.
	Used to delete numeric entries or cancel errors.
	Used to discount a PLU price.
	Used to operate stores individually.
	Used to feed a label.
	Used to correct the zero point of the weigh platter.
	Used to print labels.
	Used to set a tare weight.

1.3 LABELS, TRAYS, AND FILM

1.3.1 LABELS

Use the designated labels for this machine.

- Label roll diameter: ϕ 230mm or less
- Label width: 35-80mm
- Label length: 27-60mm

CAUTION

When wrong-sized labels or those other than the designated labels are used, the labels may not be printed, not be fed correctly, or not be sucked by the applicator.

1.3.2 TRAYS

Use the designated trays for this machine.

■ Usable tray size

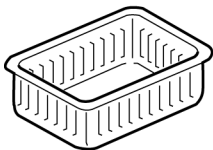
- Width: 95-360mm
- Length: 80-250mm
- Height: 10-50mm

CAUTION

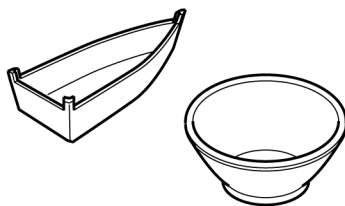
Some trays might not be packed depending on the shape, material and weight even though the tray sizes are within the acceptable ranges.

■ Unusable trays

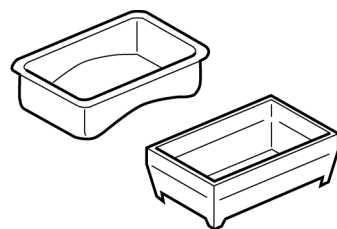
Following trays cannot be used.



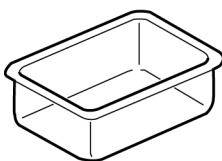
● Fragile trays



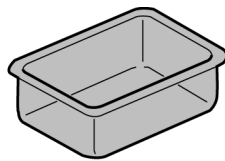
● Deformed trays



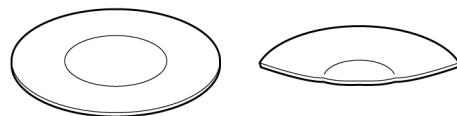
● Round or hollow-bottomed trays



● Trays made of transparent materials



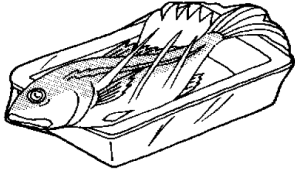
● Dark blue trays



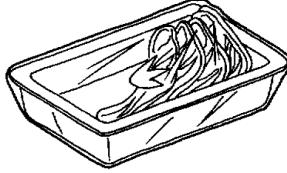
● Trays other than square and rectangular trays

■ Filling the trays

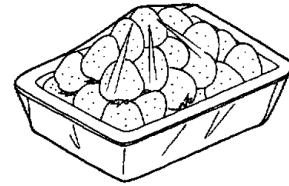
Appearance of a packed tray changes greatly depending on the filling.
Avoid filling the trays as shown below to maintain a consistent wrapping appearance.



● Contents not fit in the tray



● Lopsided contents



● Overfilled tray

1.3.3 FILM TYPE

Use the film designated by ISHIDA, as packing may not be performed if other films are used.
Contact your ISHIDA service representative for further details regarding usable films.

1.4 OPERATION START / END

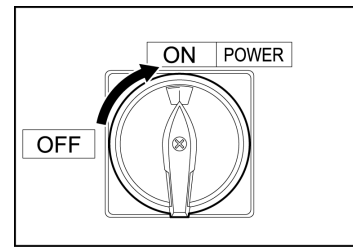
1.4.1 OPERATION START

WARNING

The Fan and the Applicator Arm will start moving as soon as the Main Power Switch is turned ON.

Do not put your hand inside the machine while the Main Power Switch is turned ON.

1. Confirm that nothing remains on the Weigh Platter or in the wrapping area and turn ON the Main Power Switch.



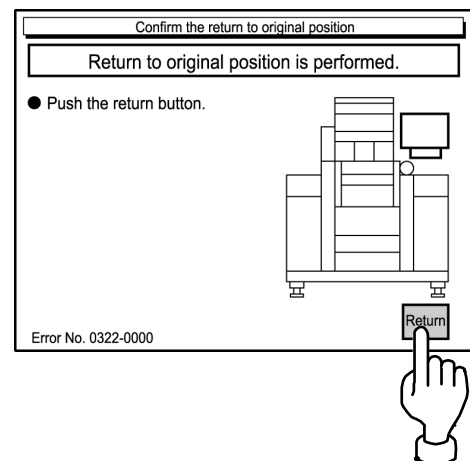
WARNING

The Heater Conveyor gets very hot and may cause burns. Ensure to keep your hand away from the conveyor.

2. After a while, the return operation confirmation screen is displayed.

Press the [Return] button on the screen.

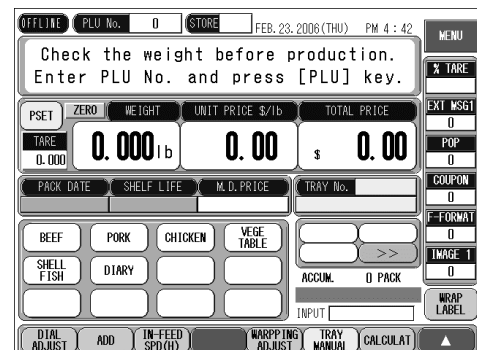
Movable units such as the Applicator, Conveyers, Lifts start moving to return to their original positions.



WARNING

Do not put your hand inside the machine while performing the return operation.

3. The initial screen is displayed.

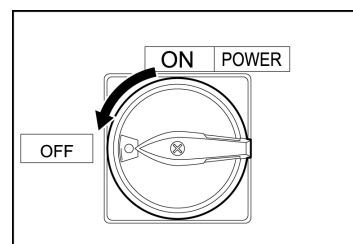


1.4.2 OPERATION END

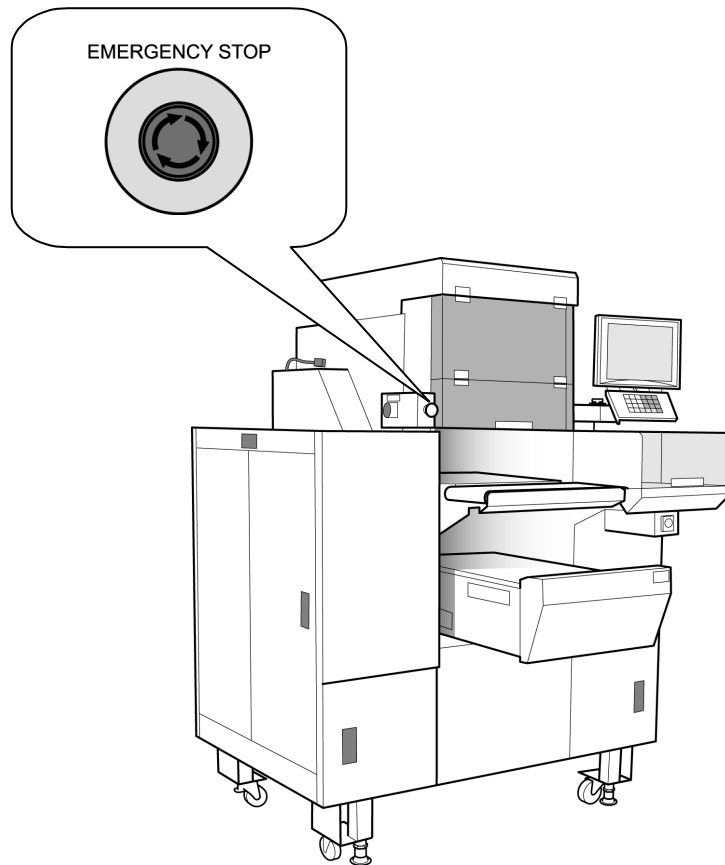
WARNING

Do not touch the Heater Conveyor, as it remains very hot even after the Main Power Switch is turned OFF.

1. Confirm that nothing remains on the Weigh Platter or in the wrapping area and turn OFF the Main Power Switch.



1.5 EMERGENCY STOP ON/OFF



1.5.1 EMERGENCY STOP ON

1. Press the Emergency Stop button.

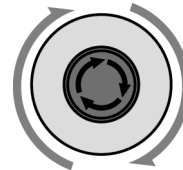
EMERGENCY STOP



1.5.2 EMERGENCY STOP OFF

1. Turn the Emergency Stop button clockwise to release.

EMERGENCY STOP



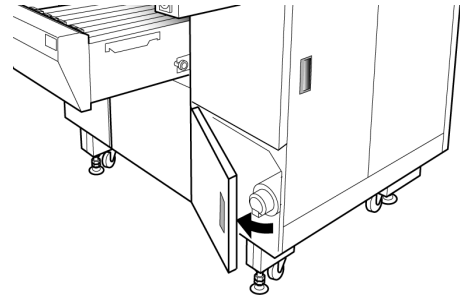
1.6 FILM ROLL LOADING

1. Before starting the film roll setting, press the Emergency Stop button.

EMERGENCY STOP

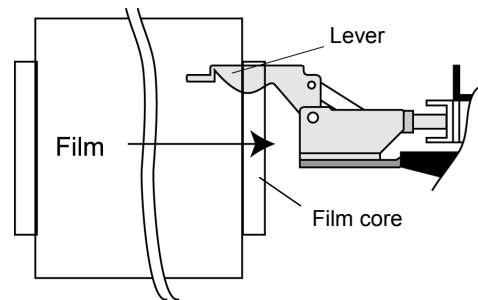


2. Open the Film Replacement Door.

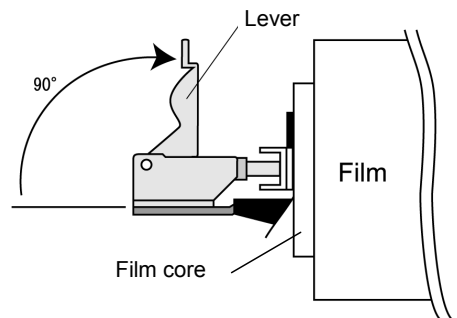


3. Make sure that the lever is parallel with the film core and insert the film roll around the holder until the roll clicks.

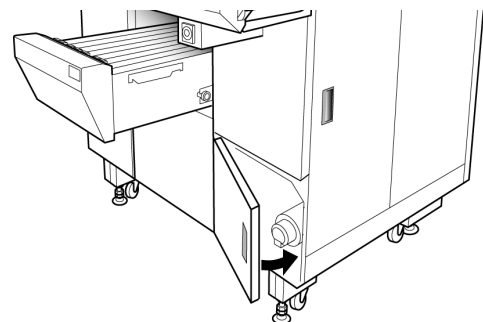
With pushing the end of the film core, align the near end with the film on the film position decal.



4. Turn the lever vertical to the film core to secure the film roll position.



5. Close the Film Replacement Door.



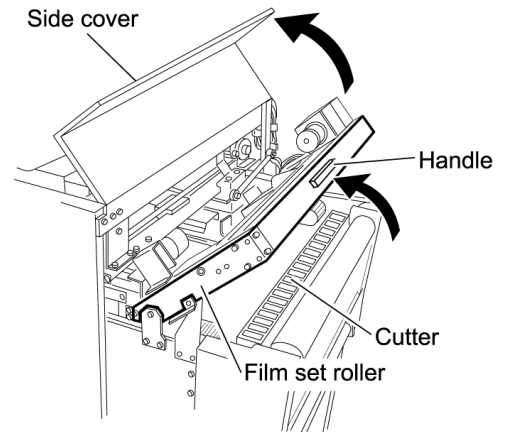
1.7 FILM THEADING

1. Before starting to set the film, press the Emergency Stop button.

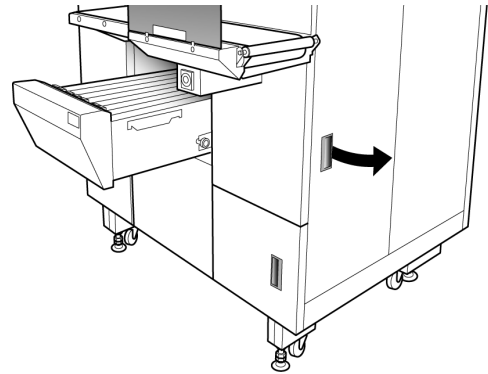
EMERGENCY STOP



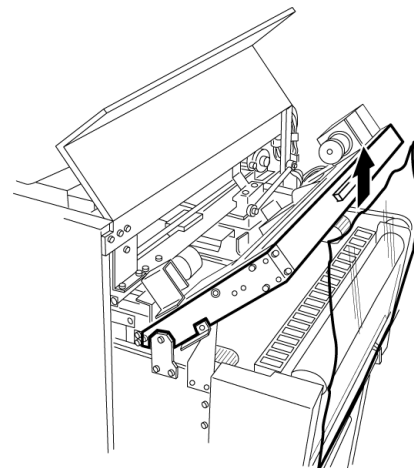
2. Open the Side Cover, and use the handle to lift up the Film Set Roller until it locks into position.



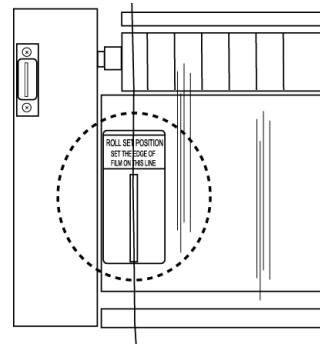
3. Open the Side Door.



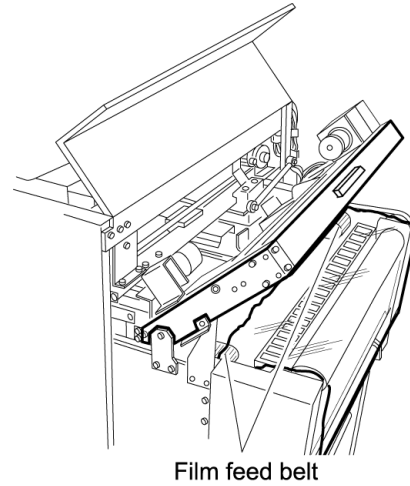
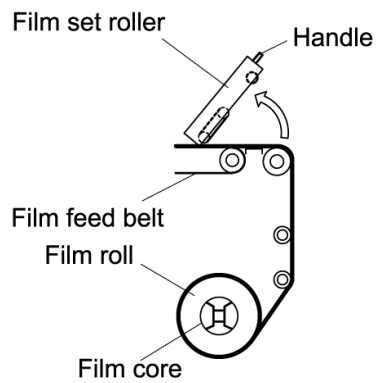
4. Evenly cut the top edge of the film, and pull it up.



- 5.** Confirm that the film edge is exactly aligned with the line appearing on the roll set position decal.

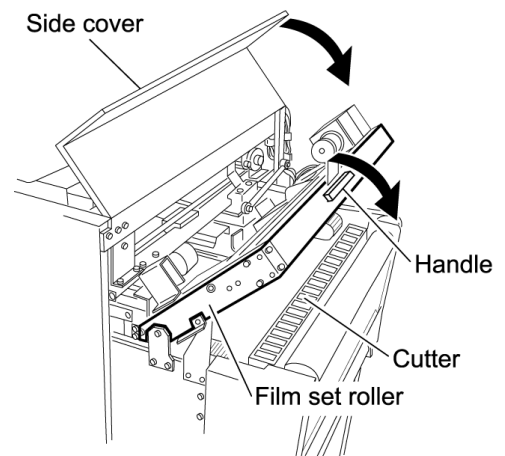


- 6.** Stick the film on both Film Feed Belts.

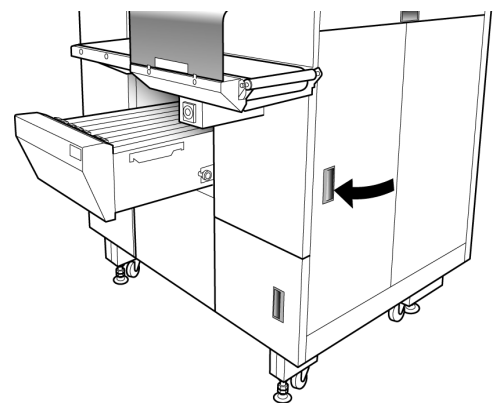


- 7.** Use the handle to slightly lift up to release the lock condition and lower the Film Set Roller.

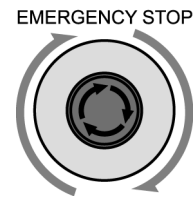
Lower the Side Cover.



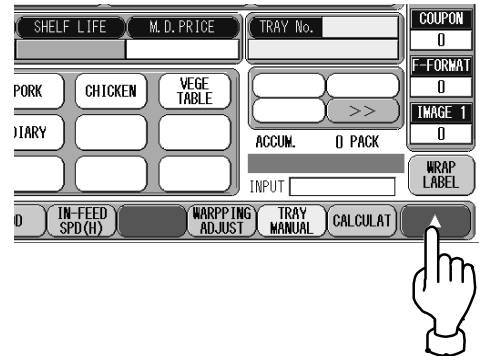
- 8.** Close the side door.



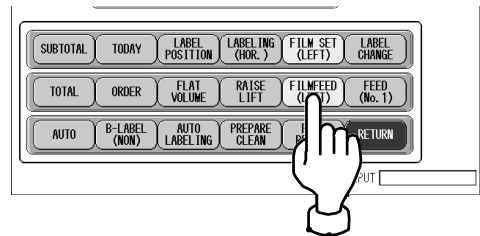
- 9.** Release the Emergency Stop button



- 10.** Press the [△] button on the screen.



- 11.** Press the [FILM FEED] button.



- 12.** The film is fed normally, and press the Emergency Stop button.



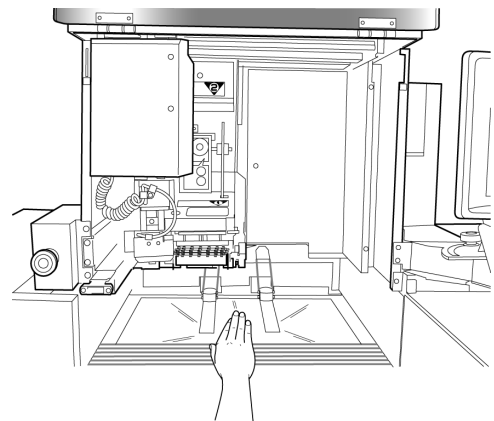
! WARNING

Make sure that the Emergency Stop button has been pressed before removing the film.

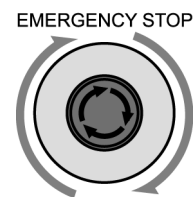


Unless the Emergency Stop button is pressed, the film cannot be removed because it is pinched by clamps.

- 13.** Remove the film.



- 14.** Release the Emergency Stop button



1.8 LABEL SETTING

1. Before starting to set a label roll, press the Emergency Stop button.

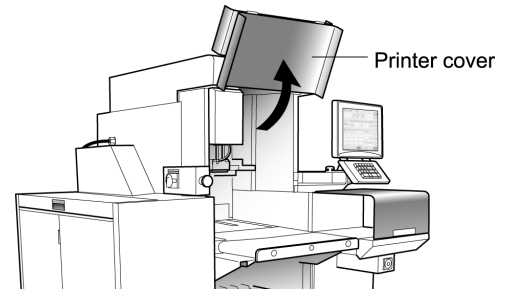
EMERGENCY STOP



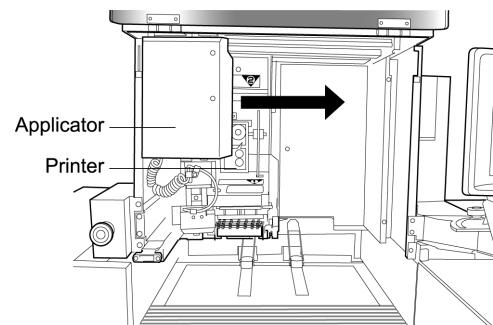
⚠ WARNING

Make sure that the Emergency Stop button has been pressed before opening the Printer Cover.

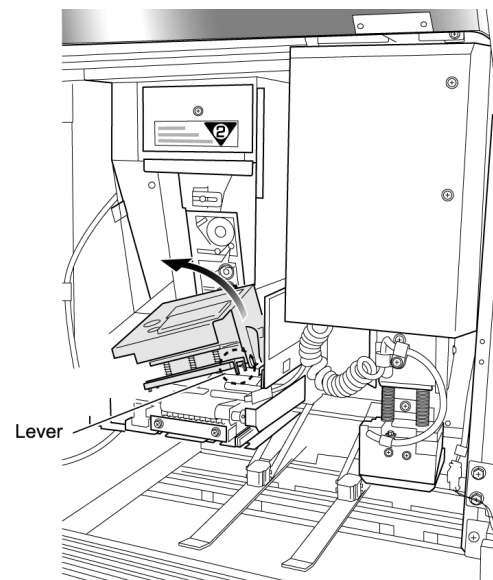
2. Open the Printer Cover.



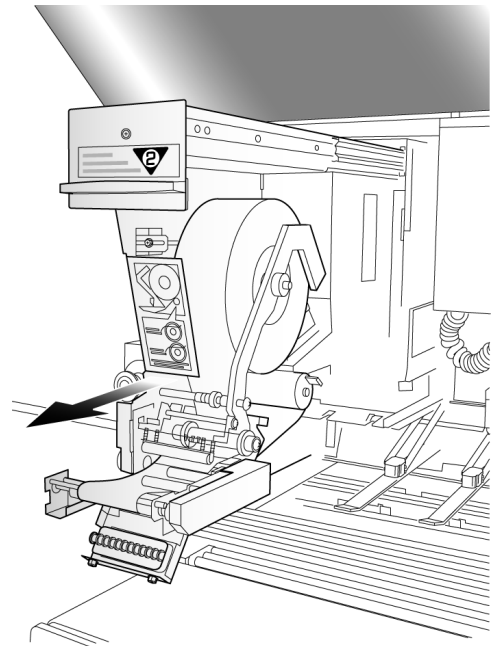
3. If the Applicator is positioned in front of the printer, move the Applicator to the side.



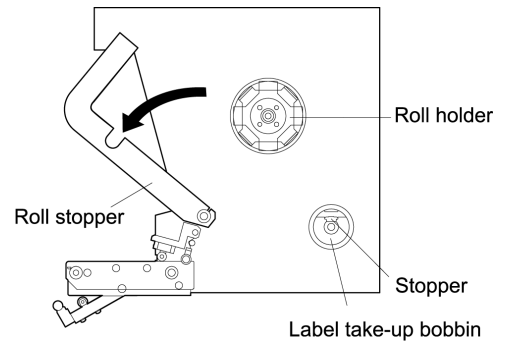
4. Use the lever to open the print head.



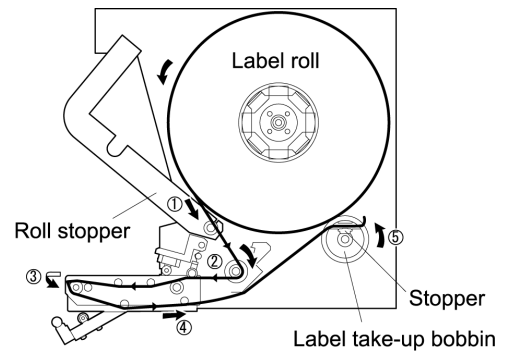
5. Make sure that the print head is pulled up, and pull to slide the printer unit.



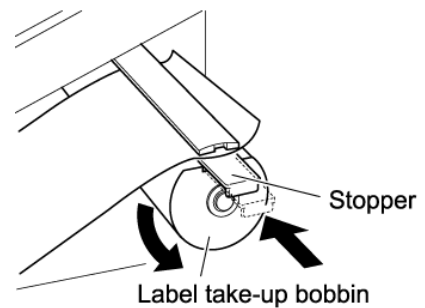
6. Release the Label Roll Stopper.



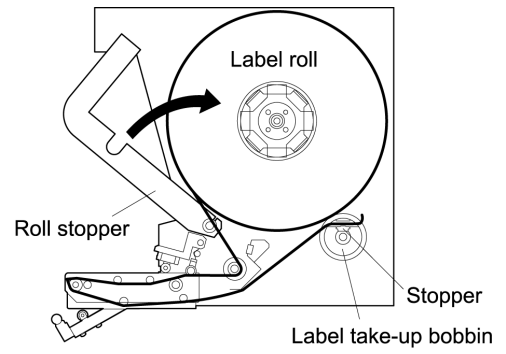
7. Set a label roll around the holder and thread the label paper as shown in the figure.



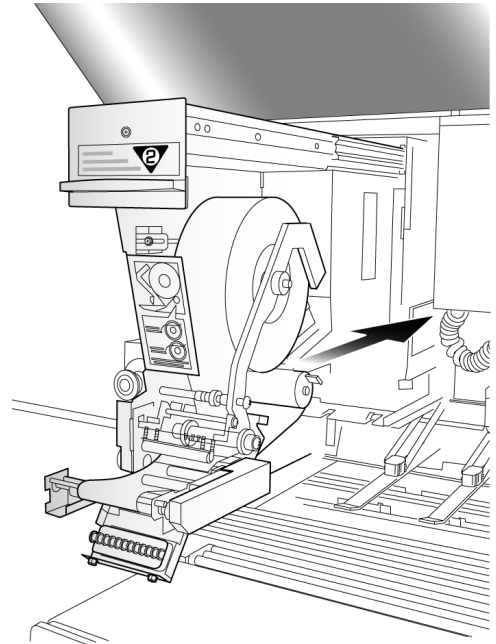
8. Set the end of backing paper with the stopper and turn the Label Take-up Bobbin counterclockwise until the label slack is taken up.



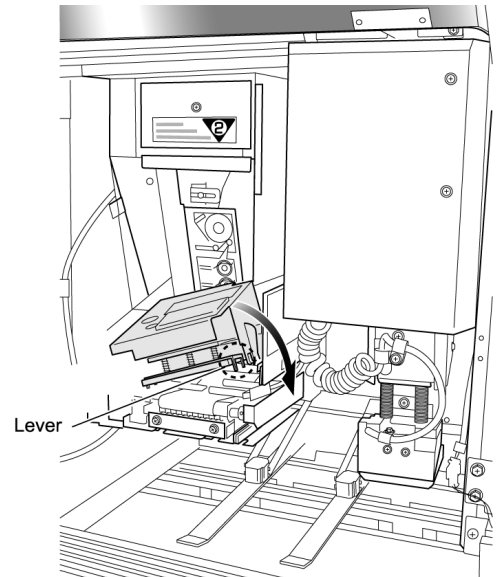
9. Lock the Label Roll Stopper.



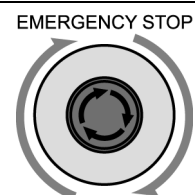
10. Slide the printer back to its original position.



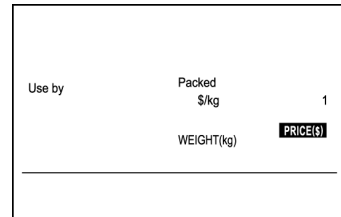
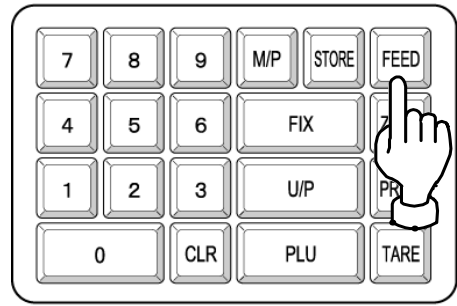
11. Close the Print Head.



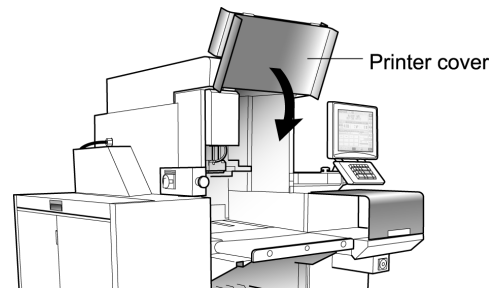
12. Release the Emergency Stop button



- 13.** Press the [FEED] key several times to make sure that labels are normally issued.



- 14.** Close the Printer Cover.



1.9 DAILY MAINTENANCE

Daily maintenance is vital to prolong machine use and to avoid trouble or failure. Keep the machine clean every day after work.

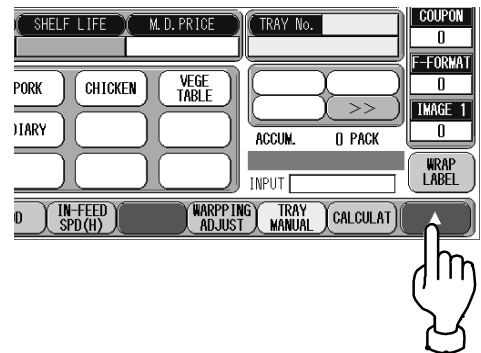
The following precautions should be observed before cleaning this machine.

CAUTION

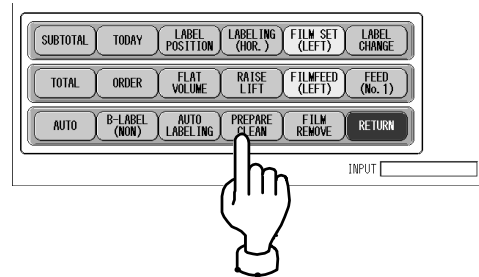
- Make sure to turn OFF the Main Power Switch while cleaning the machine.
- Some parts of the machine still remain hot although the Main Power Switch has been turned OFF.
- A person cleaning this machine should keep all long hair up, wear a hat, appropriate clothing and shoes.
- Make sure to wash hands and wear clean gloves before cleaning the machine.
- Wet the cleaning cloth with a mild detergent and wring it thoroughly before use.
- Spray alcohol (80% vol.) on the areas in direct contact with food or trays for sterilization.
- A numeric key cover may be a good solution if the numeric keys get heavily soiled.
- Do not apply water directly as it can damage the machine.
- Lubricating each drive unit is not necessary.

1.9.1 MACHINE CLEANING

1. Press the [Δ] button on the screen.



2. Press the [PREPARE CLEAN] button on the screen.



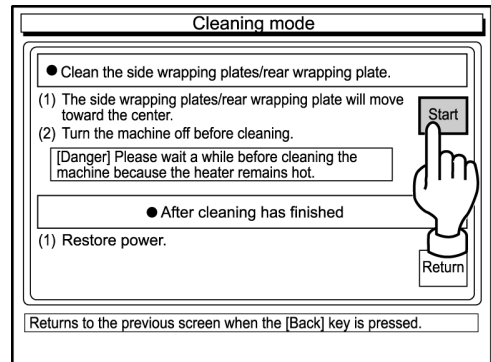


The display returns to the initial screen when the [Return] button is pressed.

3. Cleaning Mode screen is displayed.

Press the [Start] button on the screen.

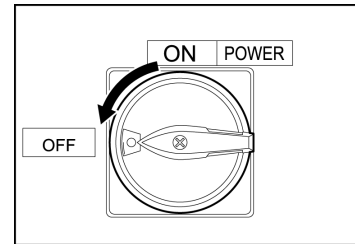
Note: When Cleaning Mode is executed, the Side Wrapping Plates and Rear Wrapping Plate are released and can be moved manually, and the Lift Unit elevates.



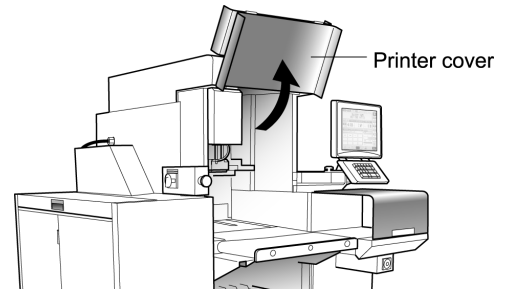
⚠ WARNING

The Heater Conveyor remains hot even after the Main Power Switch has been turned OFF. Avoid touching the conveyor as you may burn yourself.

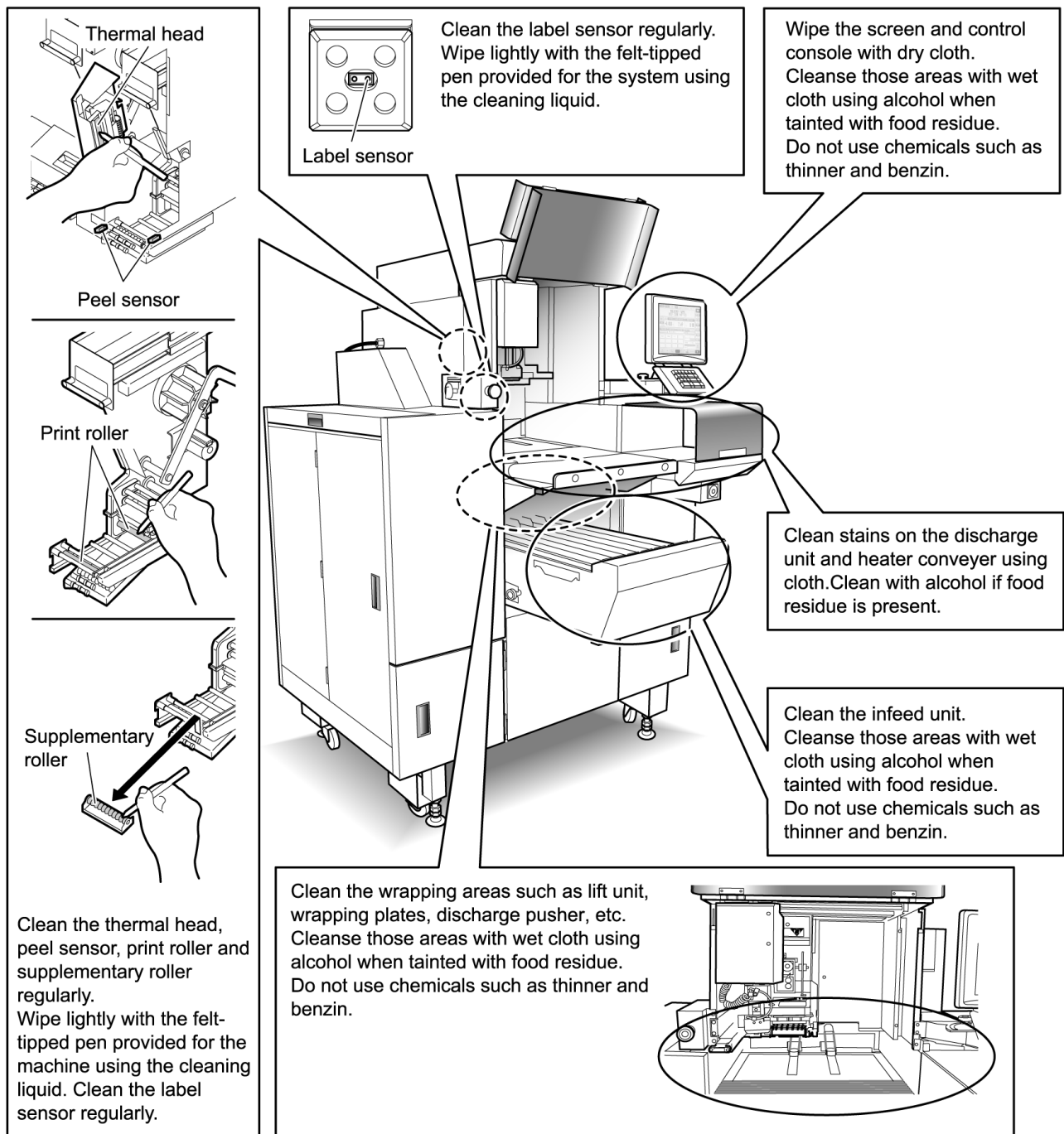
4. Turn OFF the Main Power Switch.



5. Open the Printer Cover.



1.9.2 PLACES TO BE CLEANED



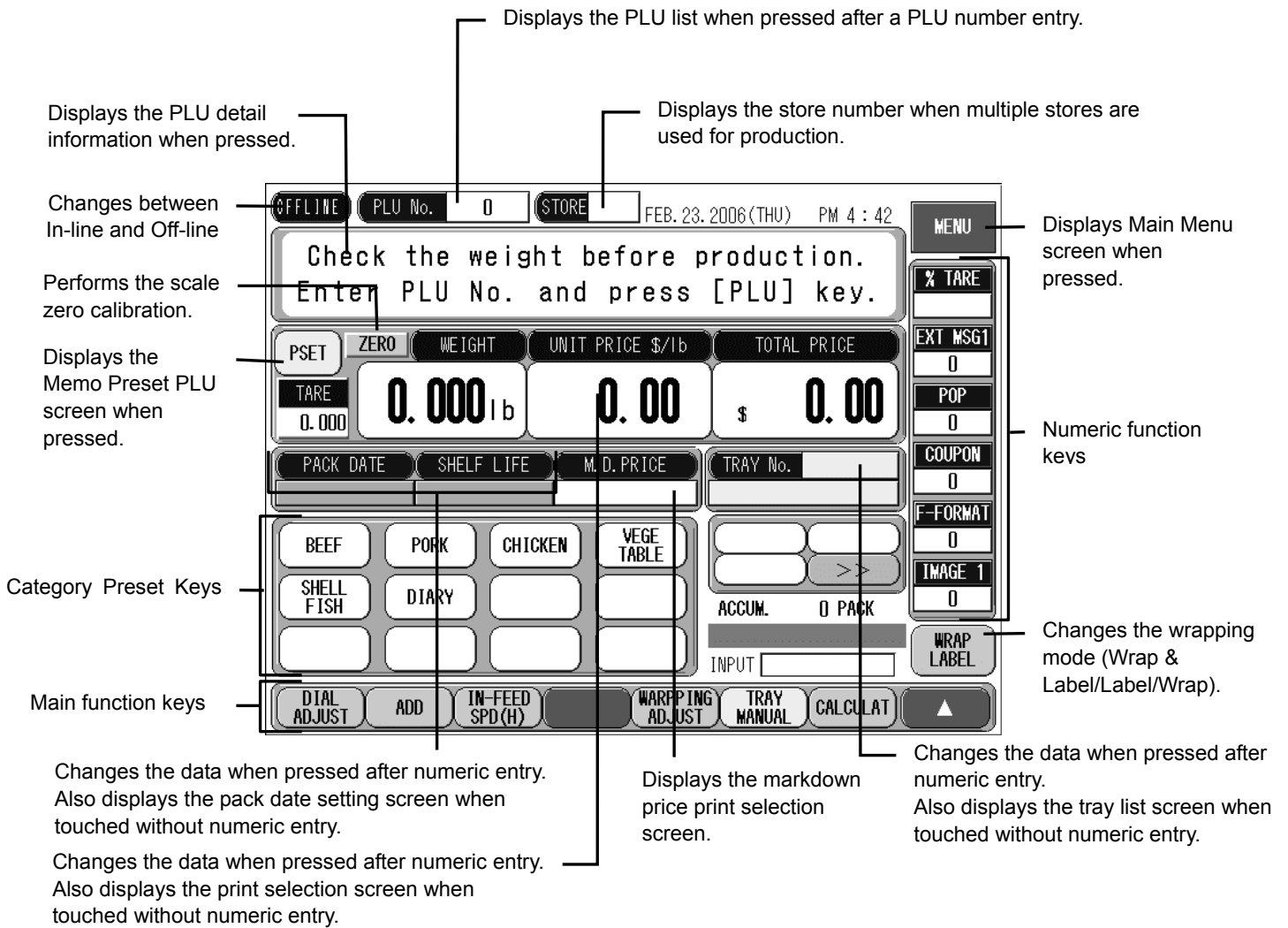
2

NORMAL MODE**CONTENTS**

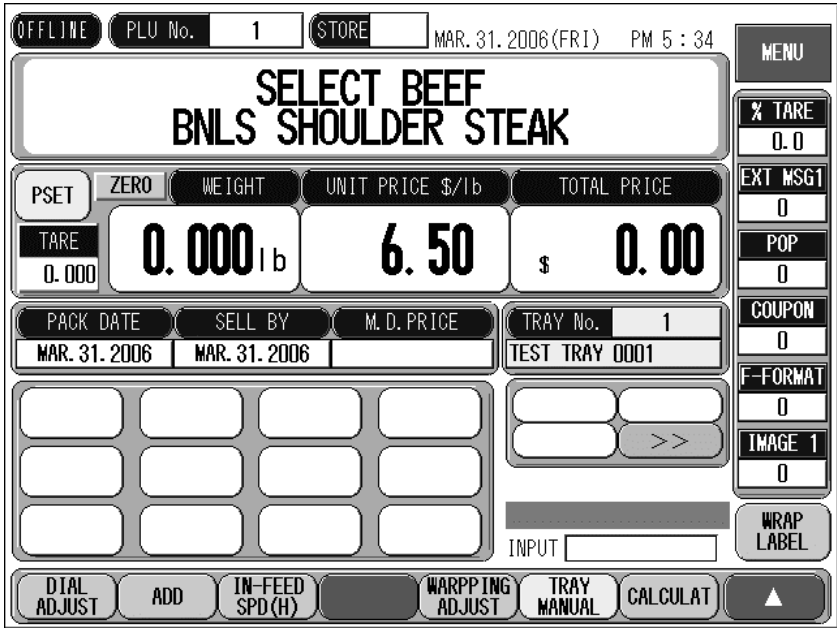
2.1	SCREENS IN NORMAL MODE.....	2-2
2.2	PLU CALL UP	2-4
2.3	WEIGHING / WRAPPING / LABELING	2-8
2.4	WRAPPING ONLY	2-9
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2.1 SCREENS IN NORMAL MODE

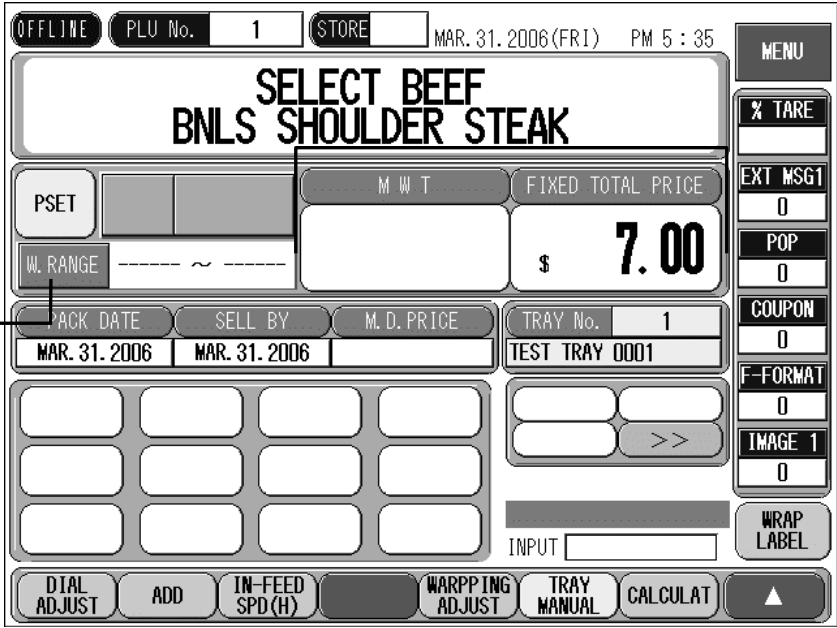
2.1.1 INITIAL SCREEN



2.1.2 EXAMPLE OF WEIGHING PLU SCREEN



2.1.3 EXAMPLE OF FIXED PRICE PLU SCREEN

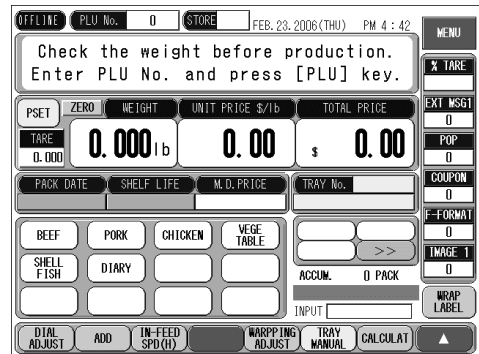


Displays the upper/lower weight limit setting screen when pressed.

2.2 PLU CALL UP

2.2.1 PLU CALL USING KEYPAD

1. Make sure that the initial screen is displayed.



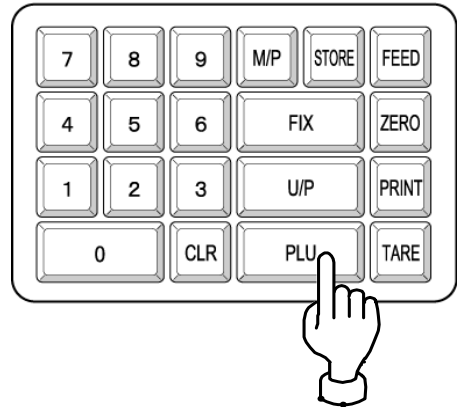
CAUTION

Lightly press the touch panel with your finger. Pressing the panel using pointed objects such as fingernails or mechanical pencils may damage the touch panel.

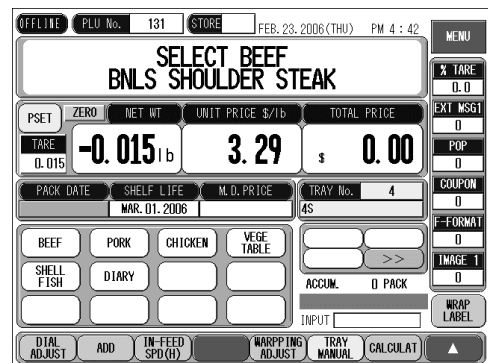
2. Enter a PLU number and press the [PLU] stroke key or [PLU No.] field on the screen.

EXAMPLE

Call up PLU No.131.

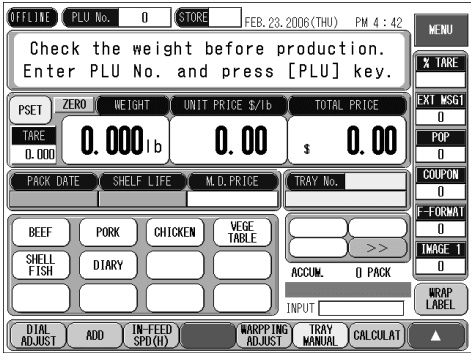


3. The designated PLU screen is displayed.



2.2.2 PLU CALL USING CATEGORY PRESET BUTTONS

- 1. Make sure that the initial screen is displayed.



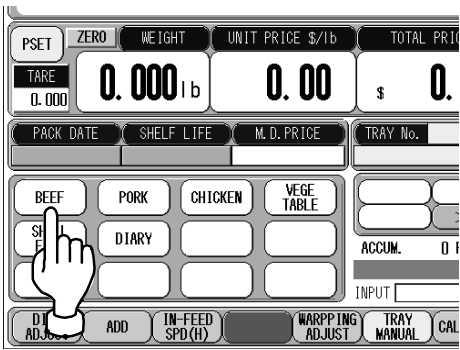
CAUTION

Lightly press the touch panel with your finger. Pressing the panel using pointed objects such as fingernails or mechanical pencils may damage the touch panel.

- 2. Press the desired category button to make a selection.

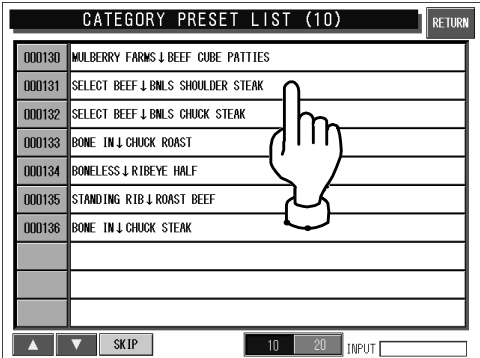
EXAMPLE

Call the PLU No.131 "Select Beef BNLS Shoulder Steak" under the category "BEEF".

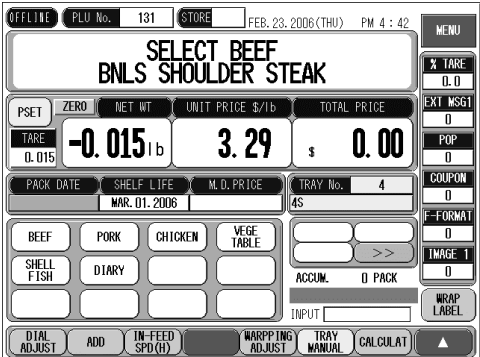


- 3. The Category Preset List screen is displayed.

Press the [Select Beef BNLS Shoulder Steak] field to make a selection.

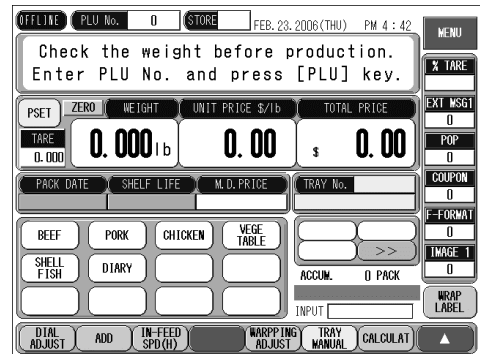


- 4. The designated PLU screen is displayed.



2.2.3 PLU CALL USING THE CATEGORY PRESET LIST

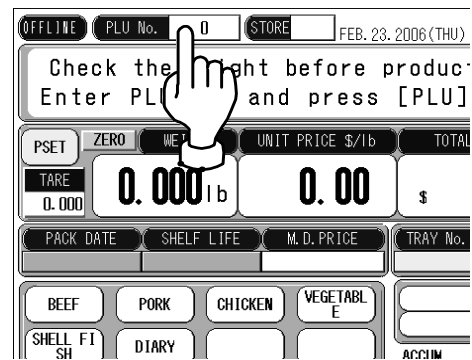
1. Make sure that the initial screen is displayed.



CAUTION

Lightly press the touch panel with your finger. Pressing the panel using pointed objects such as fingernails or mechanical pencils may damage the touch panel.

2. Press the [PLU No.] field on the screen.

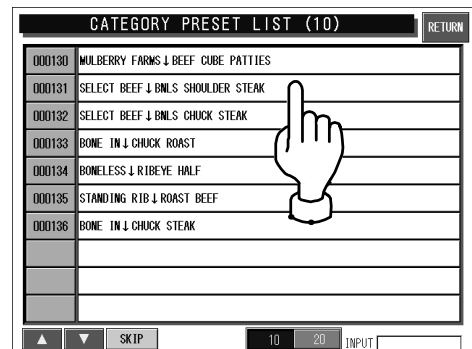


3. The Category Preset List screen is displayed.

Use the [▽] and [△] buttons to turn over the screen until you find the desired PLU and press the desired field to make a selection..

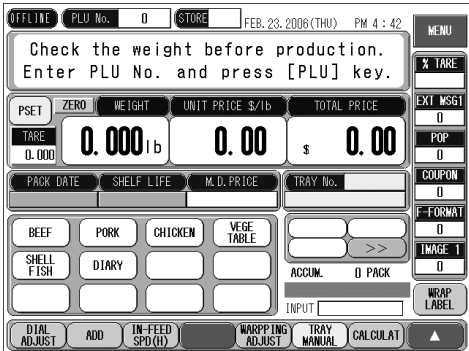
EXAMPLE

Call the "Select Beef BNLS Shoulder Steak".



2.2.4 PLU CALL USING MEMO PRESET BUTTONS

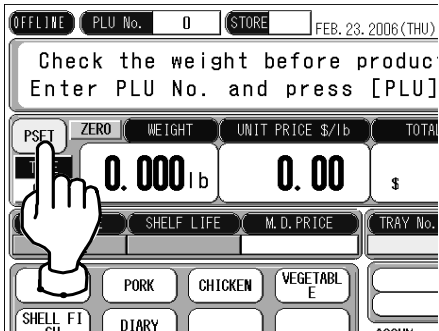
1. Make sure that the initial screen is displayed.



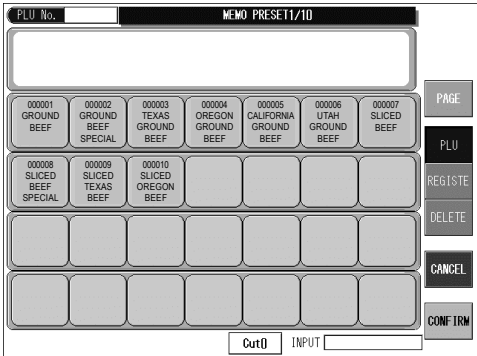
CAUTION

Lightly press the touch panel with your finger. Pressing the panel using pointed objects such as fingernails or mechanical pencils may damage the touch panel.

2. Press the [PRESET] button.

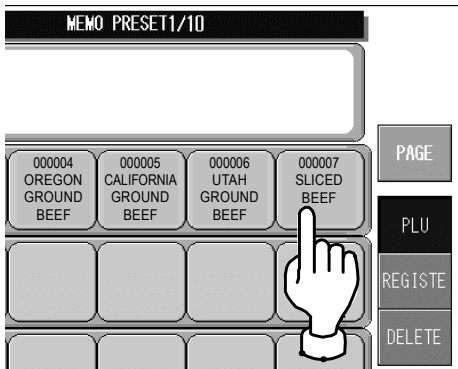


3. The Memo Preset screen is displayed.



4. Press the desired Memo Preset button to make a selection.

EXAMPLE
Call the "SLICED BEEF" using Memo Preset button.



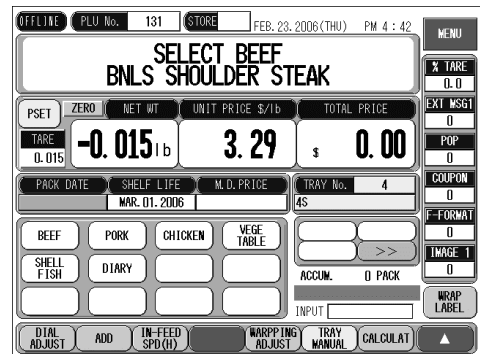
2.3 WEIGHING / WRAPPING / LABELING

This machine performs weighing, wrapping, and labeling for the selected PLU.

EXAMPLE

Perform weighing, wrapping and labeling for PLU No.131.

1. Make sure that the desired PLU screen is displayed.

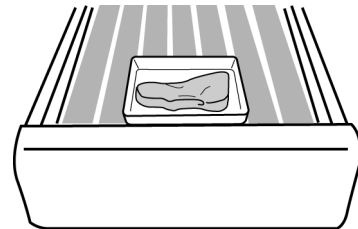


WARNING

Do not touch the tray after placing it on the Weigh Platter. Otherwise your hand may get caught in the In-feed Pusher that moves automatically immediately after the tray is placed.

2. Place a tray filled with a commodity in the middle of the Weigh Platter.

The tray is weighed, wrapped, labeled, and discharged.



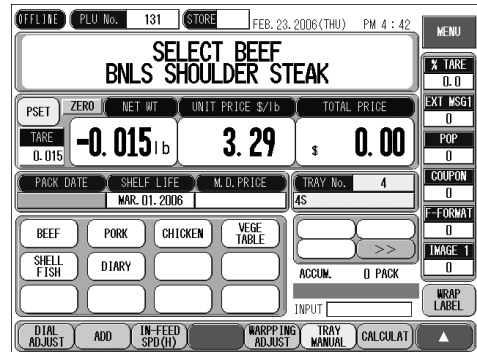
2.4 WRAPPING ONLY

This machine can also perform wrapping only if necessary.

EXAMPLE

Perform wrapping only for PLU No.131.

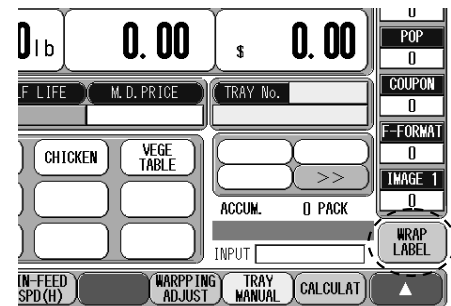
1. Make sure that the desired PLU screen is displayed.



[WRAP/LABEL] is usually displayed.

2. Press the [WRAP/LABEL] button until the button display changes to [WRAP].

The button display will change in the order [WRAP/LABEL] → [LABEL] → [WRAP] each time the button is pressed.



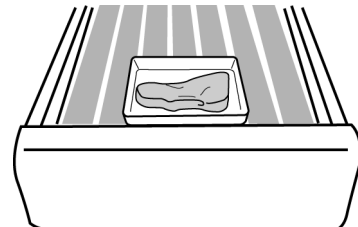
⚠ WARNING

Do not touch the tray after placing it on the Weigh Platter.

Otherwise your hand may get caught in the In-feed Pusher that moves automatically immediately after the tray is placed.

3. Place a tray filled with a commodity in the middle of the Weigh Platter.

The tray is wrapped and discharged.



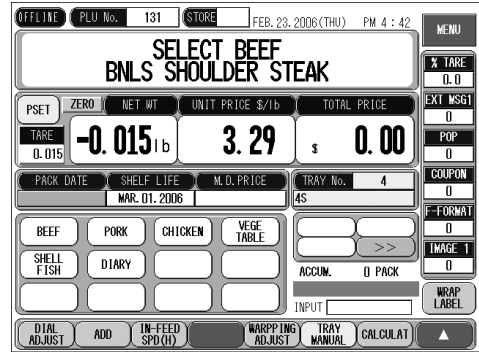
2.5 LABELING ONLY

This machine can also perform labeling only if necessary.

EXAMPLE

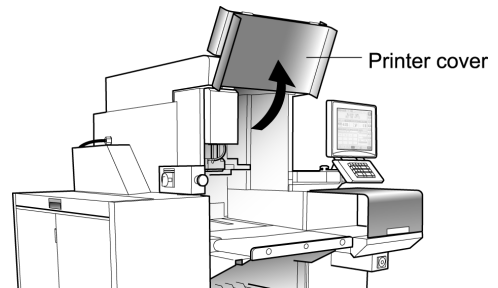
Perform labeling only for PLU No.131.

1. Make sure that the desired PLU screen is displayed.



2. Open the Printer Cover.

Wrap mode automatically changes to [LABEL] when the Printer Cover is opened.



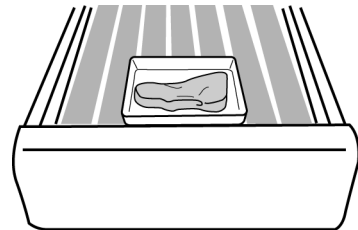
WARNING

Do not touch the tray after placing it on the Weigh Platter.

Otherwise your hand may get caught in the In-feed Pusher that moves automatically immediately after the tray is placed.

3. Place a tray filled with a commodity in the middle of the Weigh Platter.

The label is issued.



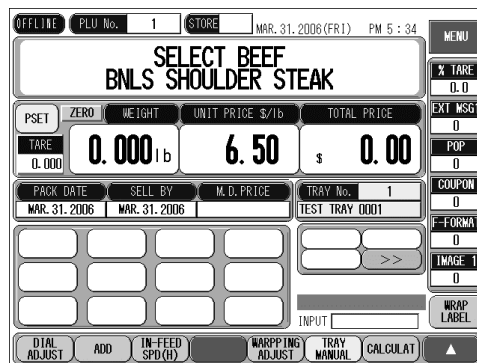
2.6 TENTAIVE UNIT PRICE CHANGE

This section explains about how to change the unit price for the selected PLU tentatively.

EXAMPLE

Change the unit price from \$6.50 to \$4.80 tentatively.

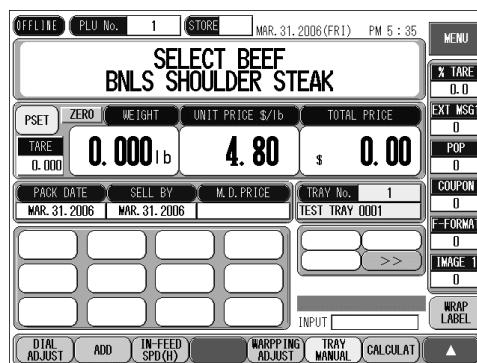
1. Make sure that the desired PLU screen is displayed.



2. Enter a new unit price using numeric keys and press the [U/P] stroke key.



The unit price has been changed to the new unit price tentatively.



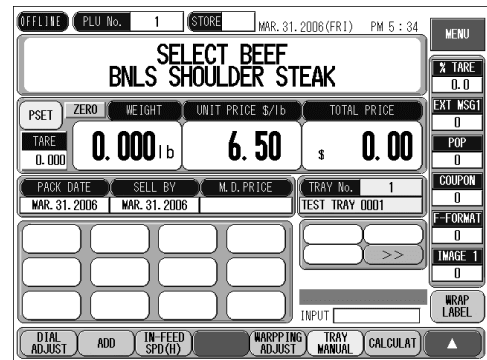
2.7 TENTATIVE CHANGE TO FIXED PRICE

This section explains about how to change the selected weighing PLU to the fixed price PLU tentatively.

EXAMPLE

Change the unit price \$6.29 to the fixed price \$7.00 tentatively.

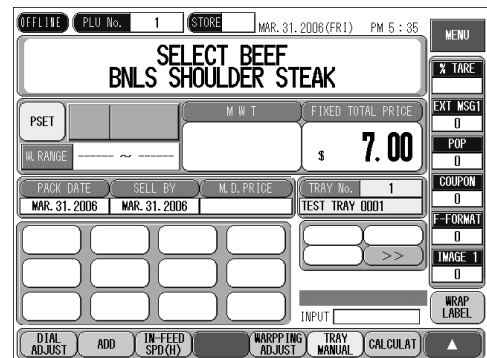
1. Make sure that the desired PLU screen is displayed.



2. Enter the fixed price using numeric keys and press the [FIX] stroke key.



The unit price has been changed to the new fixed price tentatively.



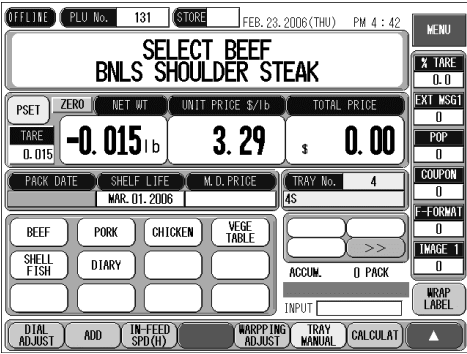
2.8 TRAY CHANGE

This section explains about how to change the tray type to be used for the selected PLU tentatively.

EXAMPLE

Change the tray type to Tray No.5 tentatively.

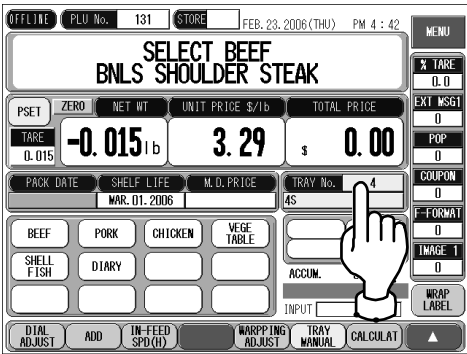
1. Make sure that the desired PLU screen is displayed.



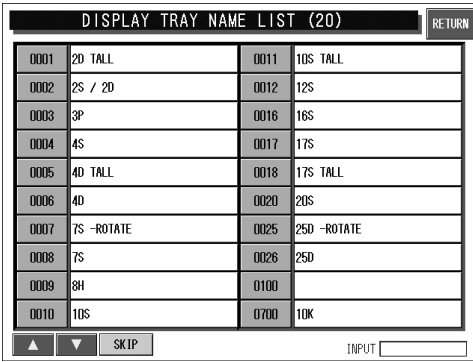
CAUTION

Lightly press the touch panel with your finger. Pressing the panel using pointed objects such as fingernails or mechanical pencils may damage the touch panel.

2. Press the [TRAY No.] field on the screen.

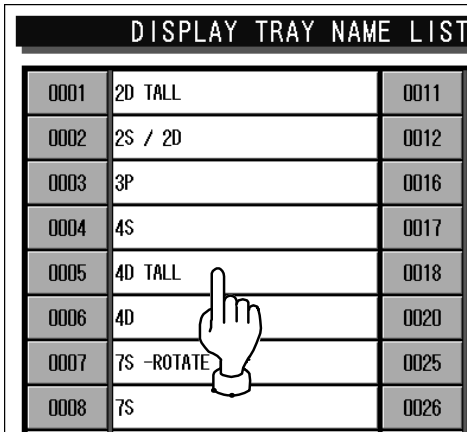


3. The Tray Name List screen is displayed.



4. Press the desired field to select the tray number to be used.

The display automatically returns to the PLU screen, and the tray to be used has been tentatively changed.



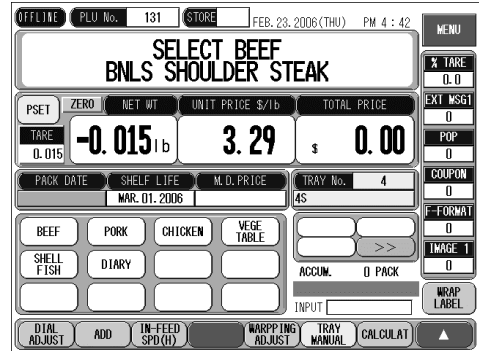
2.9 MARKDOWN PRICE

This section explains about how to apply a markdown price for the selected PLU tentatively.

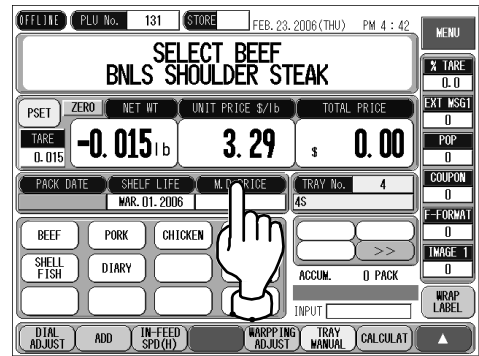
EXAMPLE

Change the tray type to Tray No.5 tentatively.

1. Make sure that the desired PLU screen is displayed.



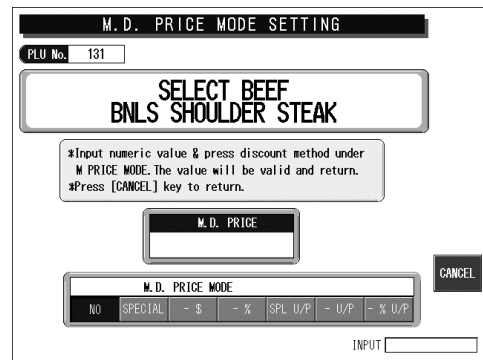
2. Press the [M.D. PRICE] field on the screen.

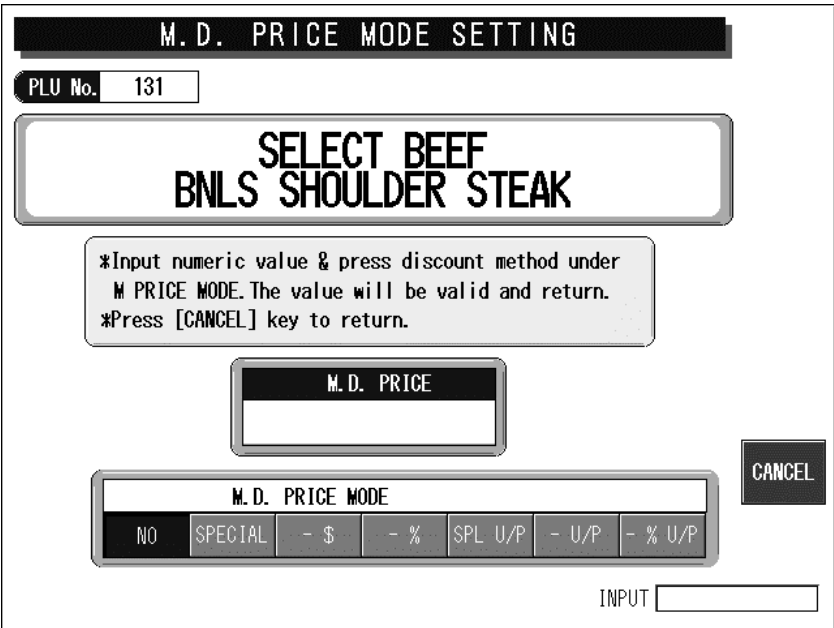


CAUTION


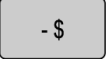
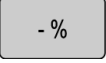

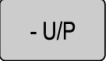
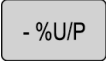
Lightly press the touch panel with your finger. Pressing the panel using pointed objects such as fingernails or mechanical pencils may damage the touch panel.

3. The Markdown Price Mode Setting screen is displayed.





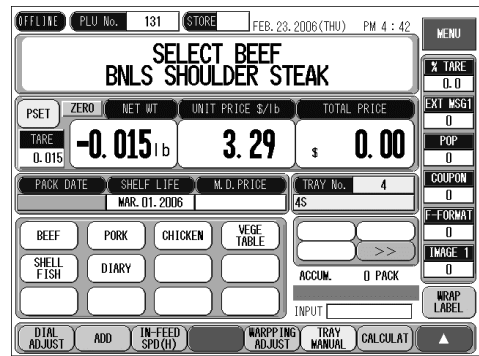
■ MARKDOWN BUTTONS

Buttons	Function
	<p>Special Price Pressing this button after numeric entry will register the special price in the total price field.</p>
	<p>Amount Discount Pressing this button after numeric entry will register the discount amount in the markdown price field.</p>
	<p>Rate Discount Pressing this button after numeric entry will register the discount rate in the markdown price field.</p>
	<p>Special Unit Price Pressing this button after numeric entry will register the special unit price in the unit price field.</p>
	<p>Unit Price Amount Discount Pressing this button after numeric entry will register the discount unit price in the unit price field.</p>
	<p>Unit Price Percent Discount Pressing this button after numeric entry will register the discount unit price rate in the unit price field.</p>

2.10 MANUAL LABELING

This section explains about how to change auto labeling to manual labeling for the selected PLU data.

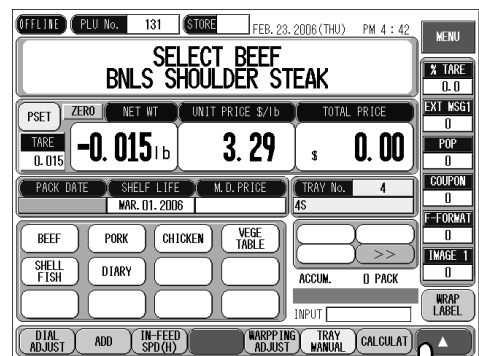
1. Make sure that the desired PLU screen is displayed.



CAUTION

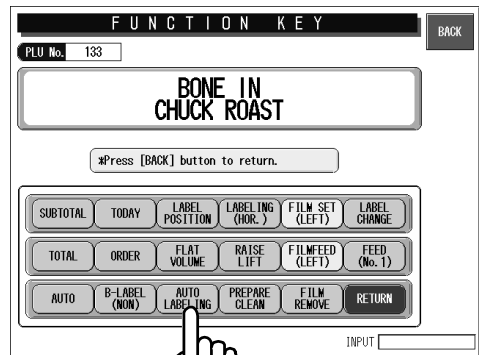
Lightly press the touch panel with your finger. Pressing the panel using pointed objects such as fingernails or mechanical pencils may damage the touch panel.

2. Press the [Δ] button to display the function key screen.



3. Press the [AUTO LABELING] button to change the button display to [MANUAL LABELING].

The button display will change between [AUTO LABELING] and [MANUAL LABELING] each time the button is pressed.

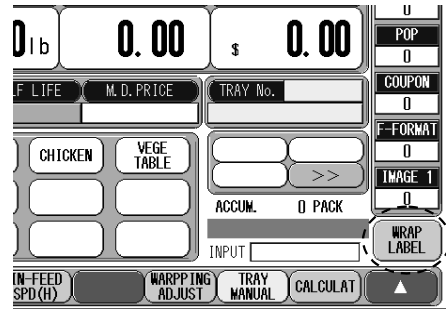


[AUTO LABELING] is usually displayed.

- 4. Make sure that [WRAP/LABEL] is displayed on the screen..

If not, press the [WRAP] or [LABEL] button until the button display changes to [WRAP/LABEL].

The button display will change in the order [WRAP/LABEL] → [LABEL] → [WRAP] each time the button is pressed.

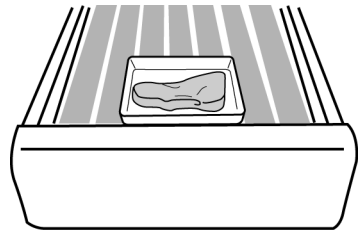


WARNING

Do not touch the tray after placing it on the Weigh Platter. Otherwise your hand may get caught in the In-feed Pusher that moves automatically immediately after the tray is placed.

- 5. Place a tray filled with a commodity in the middle of the Weigh Platter.

The tray is weighed, wrapped, and discharged.



- 6. Press the [FEED] stroke key to issue the label.

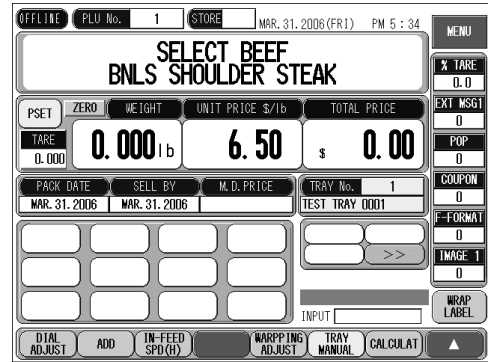
2.11 DATE AND TIME CHANGE

This section explains about how to change the Pack Date for the selected PLU data tentatively.

EXAMPLE

Change the Pack Date to Tray No.5 tentatively.

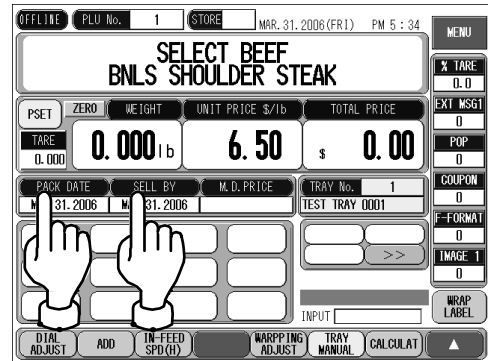
1. Make sure that the desired PLU screen is displayed.



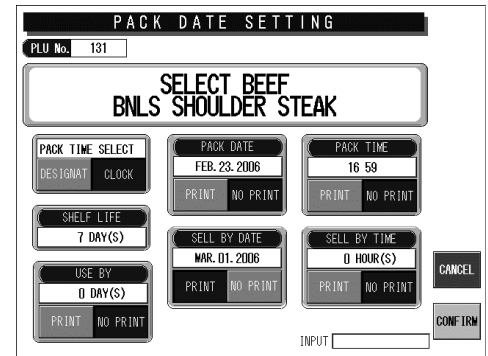
CAUTION

Lightly press the touch panel with your finger. Pressing the panel using pointed objects such as fingernails or mechanical pencils may damage the touch panel.

2. Press the [PACK DATE] or [SHELF LIFE] field on the screen.

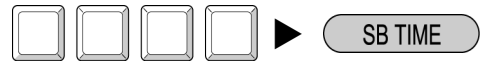


3. The Pack Date Setting screen is displayed.



(5) Sell-By Time

Enter the number of hours (1 - 9999 hours) for Sell-By Date.



Press one of the following buttons.

Do not print the Sell-By Time.

Print the Sell-By Time.

(6) Shelf Life

Enter the number of days (1 - 9999 days) for Sell-By Date..



(7) Use By

Enter the number of days (1 - 9999 hours) for Sell-By Date.

Press one of the following buttons.

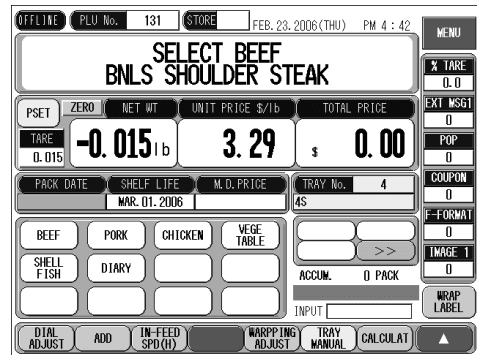
Print the Pack Date.

Do not print the Pack Date.

2.12 CHECKING PRINT ITEMS FOR LABELING

This section explains about how to set print items necessary for labeling.

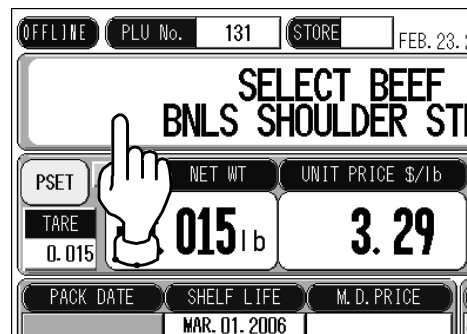
1. Make sure that the desired PLU screen is displayed.



CAUTION

Lightly press the touch panel with your finger. Pressing the panel using pointed objects such as fingernails or mechanical pencils may damage the touch panel.

2. Press the PLU name display field.

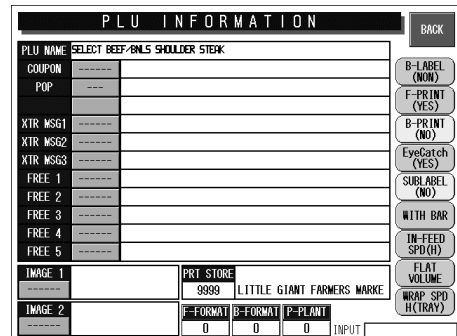


3. The PLU Information screen is displayed.

Check whether there are any missing items or mistakes for the selected PLU and make the necessary additions and corrections if any.

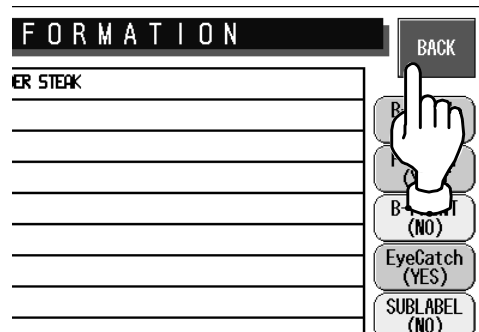
Item fields below the comment field can be registered by pressing the field after numeric entry.

When the field is pressed without numeric entry, displays the list for each item.



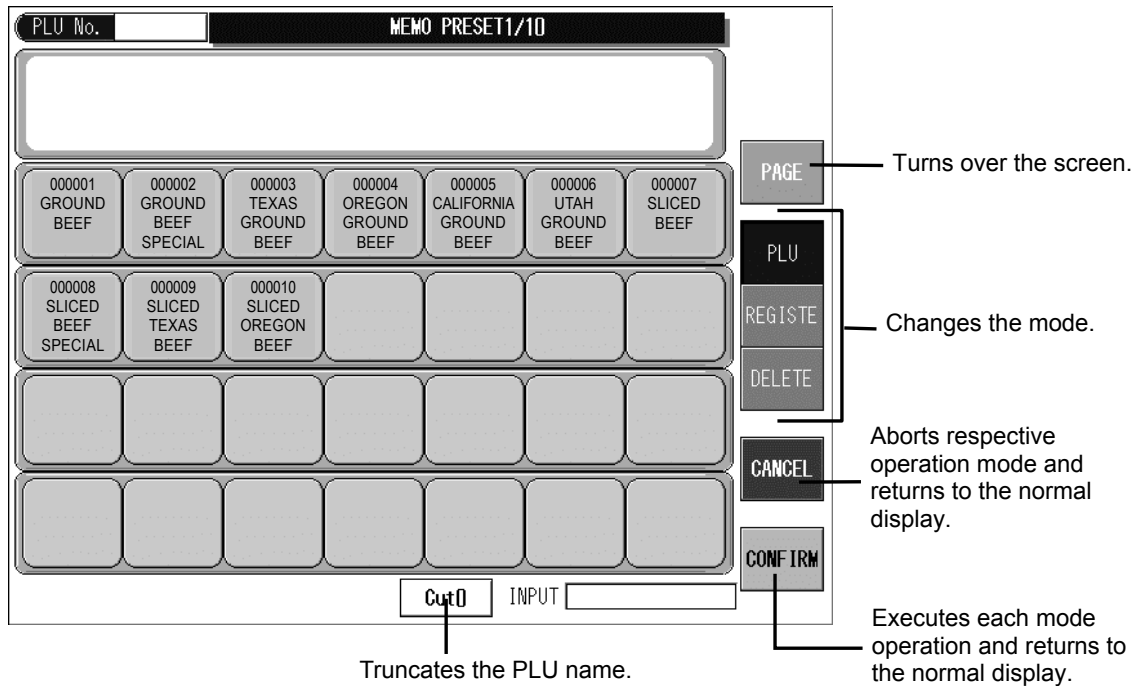
4. Press the [BACK] button when additions and corrections are completed.

The display returns to the initial screen.



2.13 MEMO PRESET BUTTON

This section explains about how to register and delete Memo Preset buttons on the screen. Operation will become more efficient by registering the frequently called PLUs in these buttons.



2.13.1 MEMO PRESET DATA REGISTRATION

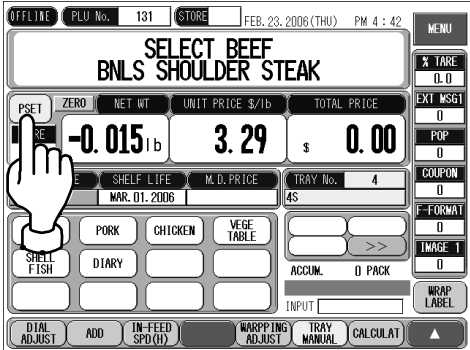
EXAMPLE

Register the PLU No.8 “SLICED BEEF SPECIAL” on the screen in Memo Preset button.

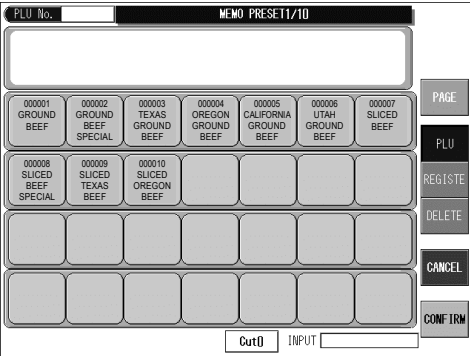
CAUTION

Lightly press the touch panel with your finger. Pressing the panel using pointed objects such as fingernails or mechanical pencils may damage the touch panel.

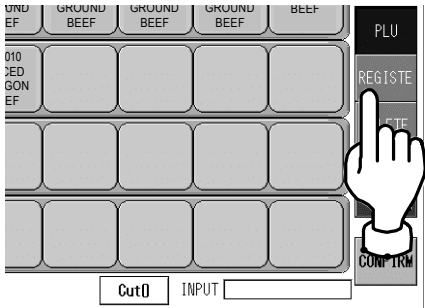
1. Make sure that the desired PLU screen is displayed and press the [PRESET] button.



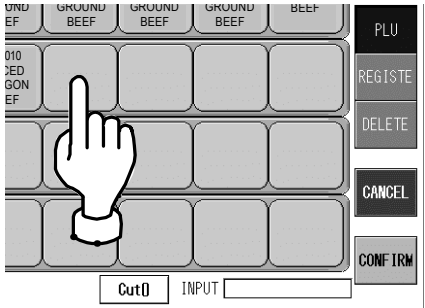
2. The Memo Preset screen is displayed.



3. Press the [REGISTER] button.



4. The display changes to the Memo Preset Programming mode. Press the Memo Preset button at the desired position. The PLU data has been registered in the button. The display returns to the PLU screen.



CAUTION

The data will be overwritten when the registered Memo Preset button is pressed.



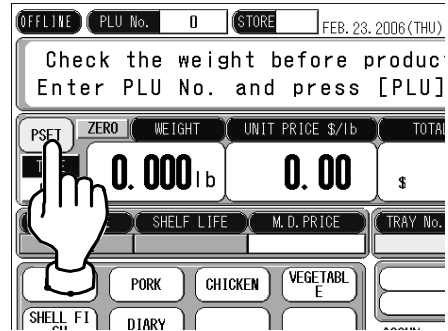
Registration can also be performed by pressing the [Memo Preset] button after entering the PLU number.

2.13.2 MEMO PRESET DATA DELETION

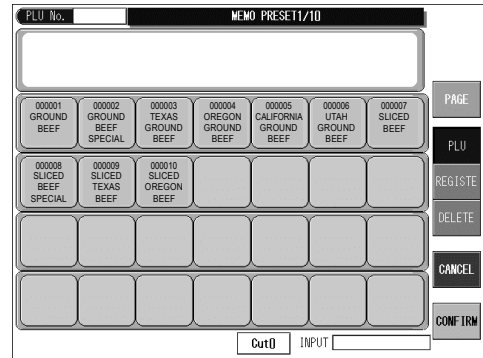
CAUTION

Lightly press the touch panel with your finger. Pressing the panel using pointed objects such as fingernails or mechanical pencils may damage the touch panel.

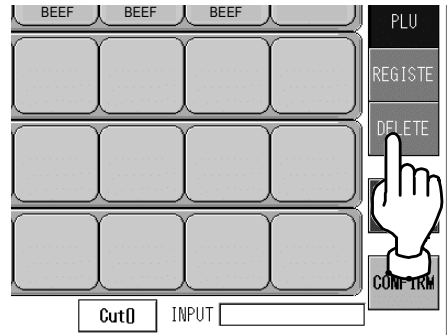
1. Press the [PRESET] button on the initial screen.



2. The Memo Preset screen is displayed.



3. Press the [DELETE] button.

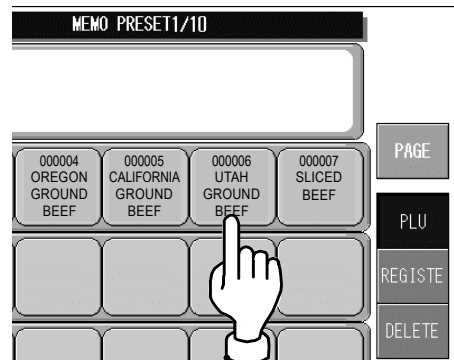


4. The display changes to the Memo Preset Delete mode.

Press the desired memo preset to be deleted.

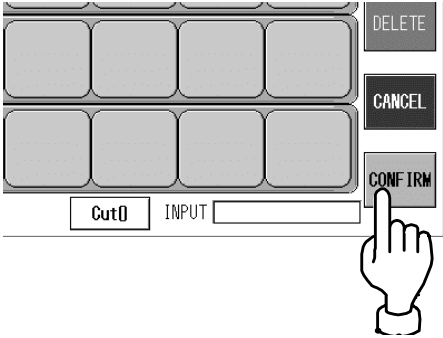
EXAMPLE

Delete the ““UTAH GROUND BEEF” Memo Preset button.



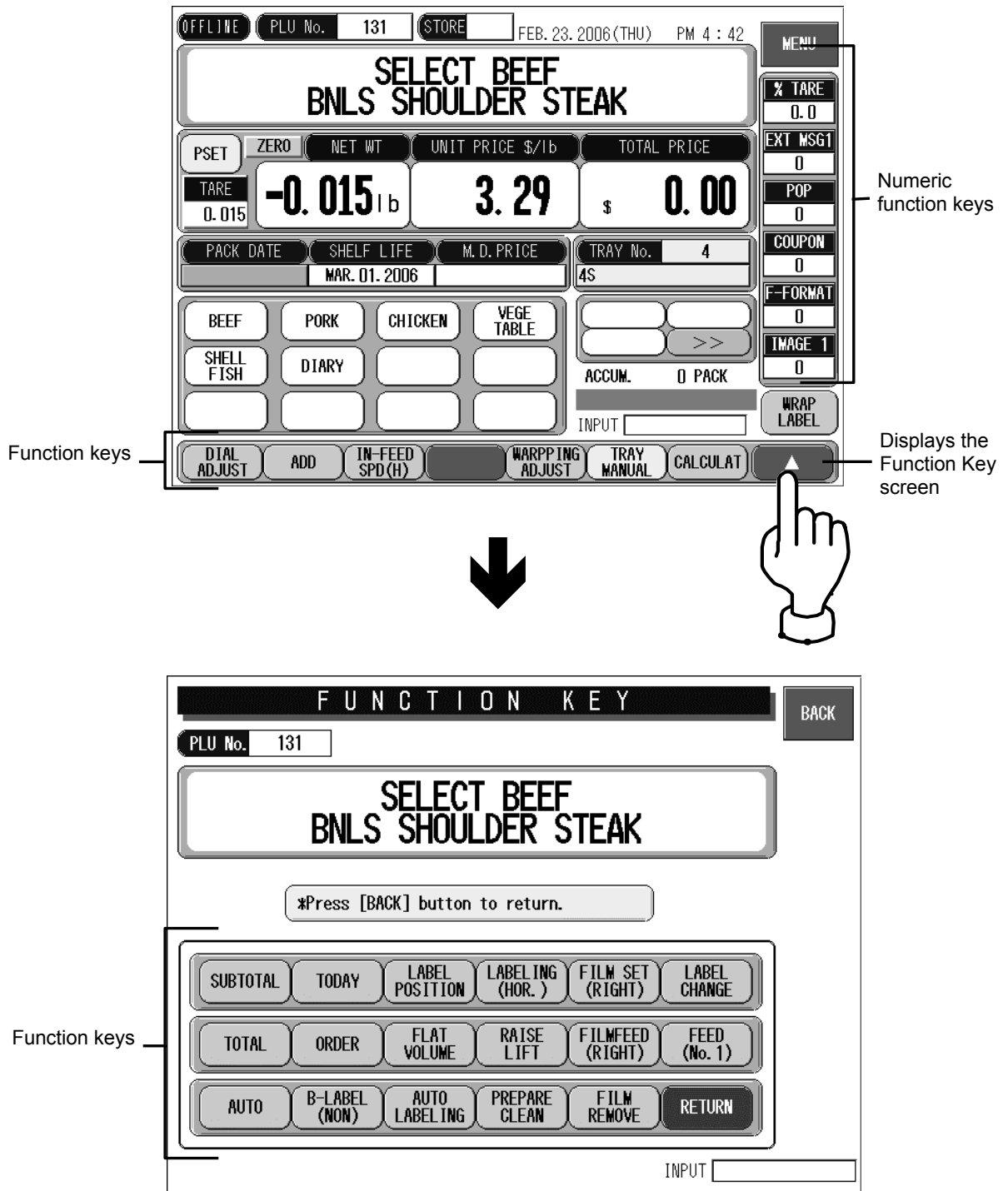
5. Press the [CONFIRM] button.

The deletion has been executed and the display returns to the normal screen.

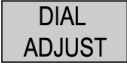


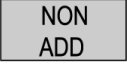
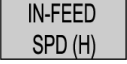
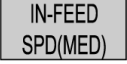


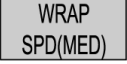

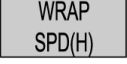
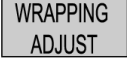


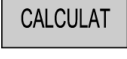


2.14 FUNCTION KEYS


This machine has many convenient function keys. Main function keys are located at the bottom of the screen, and sub function keys on the Function Key screen.



■ FUNCTION KEYS

Function key	Operation and how to use the function keys
	<ul style="list-style-type: none"> - The "Heater temperature/Film tension adjustment" screen is displayed when pressed. - Use for the exhaust heater temperature adjustment or temporarily adjusting the film tension.
  	<ul style="list-style-type: none"> - Changes the button display in the order of [ADD]→[NON PRT]→[NON ADD]→ [ADD] when pressed. [ADD] : Issue labels and add the production data to calculation. [NON PRT] : Add the production data to calculation without issuing labels. [NON ADD] : Issue labels but the production data is not added to calculation.
  	<ul style="list-style-type: none"> - Changes the button display in the order of [IN-FEED SPD(HIGH)]→[IN-FEED SPD(MED)]→[IN-FEED SPD(LOW)]→[IN-FEED SPD(HIGH)] when pressed and adjust the movement speed of the conveyor feeding bar by changing the mode. - Use it for the commodities that tend to fall or are fragile.
   	<ul style="list-style-type: none"> - Changes the button display in the order of [WRAP SPD(HIGH)] → [WRAP SPD(MED)] → [WRAP SPD(LOW)] → [WRAP SPD(HIGH)] when pressed, and adjust the movement speed of the conveyor feeding bar by changing the mode. [WRAP SPD(HIGH)] : Use for fragile trays or commodities that need to be wrapped carefully. (When [WRAP SPD(MED)] is displayed, the display changes to [WRAP SPD(LOW)] → [WRAP SPD(HIGH)]) - Use for fragile trays or commodities that need to be wrapped carefully.
	<ul style="list-style-type: none"> - "Film Tension Rough Adjustment" screen is displayed when pressed. - Use it when the film tension needs to be adjusted.
 	<ul style="list-style-type: none"> - Changes the button display in the order of [TRAY AUTO] → [TRAY SPECIFIED] → [TRAY AUTO] when pressed, [TRAY AUTO] : Register the wrapping condition automatically by calling the tray No. from the tray master upon recognition of the tray size placed on the weigh platter. Call and set the wrapping condition automatically. [TRAY SPECIFIED] : Register the wrapping condition according to the specified tray No.
	<ul style="list-style-type: none"> - "Calculator" screen is displayed when pressed.

Function key	Operation and how to use the function keys
<div style="border: 1px solid black; padding: 2px; width: fit-content; margin-bottom: 5px;">SUB TOTAL</div>	<ul style="list-style-type: none"> - Issue the label that has the number of packing, the total weight and amount produced since the last subtotal label was issued when pressed. - Print the PLU name called on the screen. (The subtotal data is cancelled when the subtotal label was issued.) <p>Note: Press the key after opening the Printer Cover. (An error occurs when the front cover is closed.)</p>
<div style="border: 1px solid black; padding: 2px; width: fit-content; margin-bottom: 5px;">TOTAL</div>	<ul style="list-style-type: none"> - "Production Total" screen is displayed when pressed. - The total amount label is issued by pressing "Print". (The number of display/print becomes "0" when the calculation mode is set to non-addition.) <p>Note: Press the key after opening the Printer Cover when issuing labels. (An error occurs when the Printer Cover is closed.)</p>
<div style="border: 1px solid black; padding: 2px; width: fit-content; margin-bottom: 5px;">AUTO</div> <div style="text-align: center; margin: 5px 0;">/</div> <div style="border: 1px solid black; padding: 2px; width: fit-content;">MANUAL</div>	<ul style="list-style-type: none"> - Changes the button display in the order of [AUTO] → [MAMUAL] → [AUTO] when pressed. <p>[AUTO] : Starts operation after weighing is stabilized. [MANUAL] : Start operation by pressing the [PRINT] key after weighing is stabilized.</p> <p>Note: [MANUAL] is only usable for weighing products and errors occur for fixed-price products.</p>
<div style="border: 1px solid black; padding: 2px; width: fit-content; margin-bottom: 5px;">TODAY</div>	<ul style="list-style-type: none"> - Changes the button display in the order of [CURRENT DAY] → [RP] → [CARRY OVER] → [CURRENT DAY] when pressed.
<div style="border: 1px solid black; padding: 2px; width: fit-content; margin-bottom: 5px;">ORDER</div>	<ul style="list-style-type: none"> - "Set Indication No." is displayed when pressed. - Use when the number of each commodity is decided.
<div style="border: 1px solid black; padding: 2px; width: fit-content; margin-bottom: 5px;">B-LABEL (NON)</div>	<ul style="list-style-type: none"> - The "Bottom Label Selection" screen is displayed when pressed. - Changes the button display in the order of [NONE] → [BARCODE] → [NGRED ONLY] → [NGRED + BARCODE] when pressed. <p>Note: The bottom label types (to be applied to the bottom of the tray) can be expanded by the setting. Consult with Ishida service person.</p>
<div style="border: 1px solid black; padding: 2px; width: fit-content; margin-bottom: 5px;">LABEL POSITION</div>	<ul style="list-style-type: none"> - The "Label Position Rough Adjustment" screen is displayed when pressed. - Use when fine-tuning the label position from side to side or up and down.
<div style="border: 1px solid black; padding: 2px; width: fit-content; margin-bottom: 5px;">FLAT VOLUME</div>	<ul style="list-style-type: none"> - Changes the button display in the order of [NONE] → [LOW] → [MIDDLE] → [HIGH] when pressed.
<div style="border: 1px solid black; padding: 2px; width: fit-content; margin-bottom: 5px;">AUTO LABELING</div> <div style="text-align: center; margin: 5px 0;">/</div> <div style="border: 1px solid black; padding: 2px; width: fit-content;">MANUAL LABELING</div>	<ul style="list-style-type: none"> - Changes the button display in the order of [AUTO LABELING]→[MANUAL LABELING]→[AUTO LABELING] when pressed. <p>[AUTO LABELING] : Apply labels automatically to the discharged commodity. [MANUAL LABELING] : Pick the labels in front of the front cover transferred by the labeling arm and paste them manually on the commodity.</p>

Function key	Operation and how to use the function keys
<div style="display: flex; flex-direction: column; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">LABELING (HOR.)</div> <div style="margin: 5px 0;">/</div> <div style="border: 1px solid black; padding: 2px;">LABELING (VERT.)</div> </div>	<ul style="list-style-type: none"> - Can be changed to [LABELING(HOR.)]→[LABELING(VERT.)]→[LABELING(HOR.)] when pressed. [LABELING(HOR.)] : Indicates that the horizontal labeling is set as the standard labeling position in the tray master file. [LABELING(VERT.)] : Indicates that the vertical labeling is set as the standard labeling position in the tray master file.
<div style="border: 1px solid black; padding: 2px; text-align: center;">RAISE LIFT</div>	<ul style="list-style-type: none"> - The lift rises to the highest level when pressed. - This should be done before cleaning the floor. <p> WARNING Never insert your hands into the wrapping machine while elevating.</p>
<div style="border: 1px solid black; padding: 2px; text-align: center;">PREPARE CLEAN</div>	<ul style="list-style-type: none"> - "Cleaning mode" screen is displayed when pressed. - This should be done before cleaning the machine.
<div style="display: flex; flex-direction: column; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">FILM SET (RIGHT)</div> <div style="margin: 5px 0;">/</div> <div style="border: 1px solid black; padding: 2px;">FILM SET (LEFT)</div> </div>	<ul style="list-style-type: none"> - The film on the display is to be set when pressed. - The film on the right side is set regardless of the display when pressed after pressing the stroke key "1". - The film on the left side is set regardless of the display when pressed after pressing the stroke key "2". (When calling the PLU, display "Right side" or "Left side" according to the set tray number.)
<div style="display: flex; flex-direction: column; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">FILMFEED (RIGHT)</div> <div style="margin: 5px 0;">/</div> <div style="border: 1px solid black; padding: 2px;">FILMFEED (LEFT)</div> </div>	<ul style="list-style-type: none"> - The film displayed is to be fed when pressed. - The film on the right side is fed regardless of the display when pressed after the stroke key "1" was pressed. - The film on the left side is fed regardless of the display when pressed after the stroke key "2" had been pressed. (When calling the PLU, display "Right side" or "Left side" according to the set tray number.)
<div style="border: 1px solid black; padding: 2px; text-align: center;">FILM REMOVE</div>	<ul style="list-style-type: none"> - Starts to remove the film when pressed.
<div style="border: 1px solid black; padding: 2px; text-align: center;">LABEL CHANGE</div>	<ul style="list-style-type: none"> - The "Printer No. for Label Replacement" screen is displayed when pressed. - Specify the printer number that requires the label replacement.
<div style="display: flex; flex-direction: column; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">FEED (No.1)</div> <div style="margin: 5px 0;">/</div> <div style="border: 1px solid black; padding: 2px;">FEED (No.2)</div> </div>	<ul style="list-style-type: none"> - One label will be fed preliminarily from the displayed printer when pressed. ("Printer No. 1" only when no other printers are used.) - One label will be fed preliminarily from Printer No.1 (right side) regardless of the display when pressed after the stroke key "1" had been pressed. - One label will be fed preliminarily from Printer No.2 (left side) when pressed regardless of the display after the stroke key "2" had been pressed.

■ NUMERIC FUNCTION KEYS

Function key	Operation and how to use the function keys		
<table border="1" style="width: 100%; text-align: center;"> <tr><td style="background-color: #cccccc;">% TARE</td></tr> <tr><td>0.0</td></tr> </table>	% TARE	0.0	-Tare rate can be set when pressed after numeric entry. -To delete the setting, press the button after entering "0".
% TARE			
0.0			
<table border="1" style="width: 100%; text-align: center;"> <tr><td style="background-color: #cccccc;">EXT MSGT</td></tr> <tr><td>0</td></tr> </table>	EXT MSGT	0	-Extra message number can be set when pressed after numeric entry. -To delete the setting, press the button after entering "0".
EXT MSGT			
0			
<table border="1" style="width: 100%; text-align: center;"> <tr><td style="background-color: #cccccc;">POP</td></tr> <tr><td>0</td></tr> </table>	POP	0	-POP number can be set when pressed after numeric entry. -To delete the setting, press the button after entering "0".
POP			
0			
<table border="1" style="width: 100%; text-align: center;"> <tr><td style="background-color: #cccccc;">COUPON</td></tr> <tr><td>0</td></tr> </table>	COUPON	0	-Coupon message number can be set when pressed after numeric entry. -To delete the setting, press the button after entering "0".
COUPON			
0			
<table border="1" style="width: 100%; text-align: center;"> <tr><td style="background-color: #cccccc;">F-FORMAT</td></tr> <tr><td>0</td></tr> </table>	F-FORMAT	0	-Front format number can be set when pressed after numeric entry. -To delete the setting, press the button after entering "0".
F-FORMAT			
0			
<table border="1" style="width: 100%; text-align: center;"> <tr><td style="background-color: #cccccc;">IMAGE 1</td></tr> <tr><td>0</td></tr> </table>	IMAGE 1	0	-Image number can be set when pressed after numeric entry. -To delete the setting, press the button after entering "0".
IMAGE 1			
0			

3

TOTAL MODE

CONTENTS

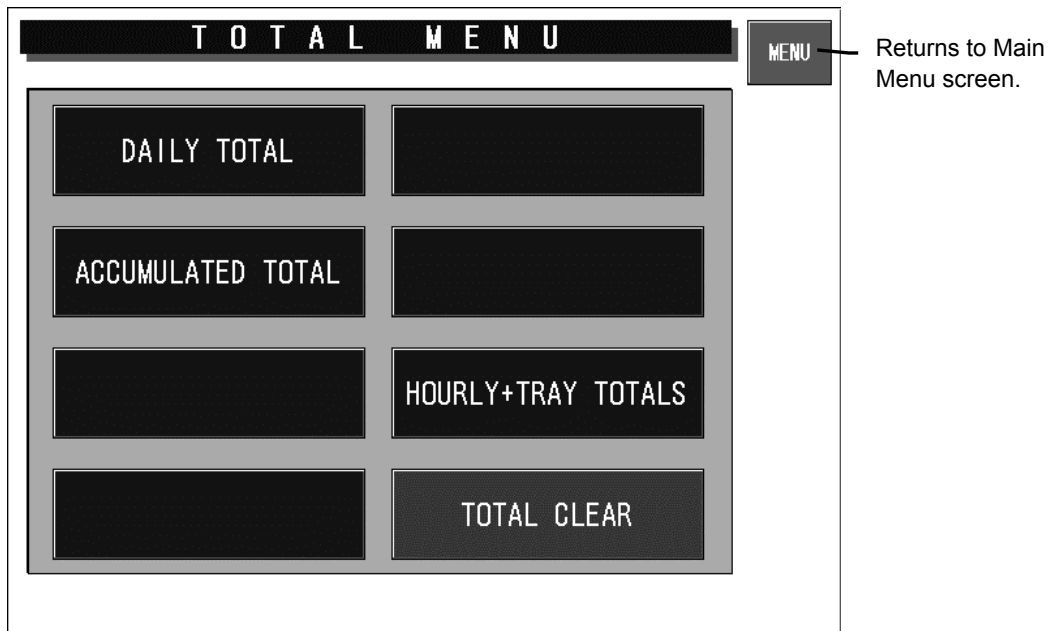
3.1 TOTAL MENU..... 3-2

3.2 DAILY / ACCUMULATED TOTAL 3-3

3.3 HOURLY + TRAY TOTALS 3-9

3.4 TOTAL CLEAR 3-15

3.1 TOTAL MENU

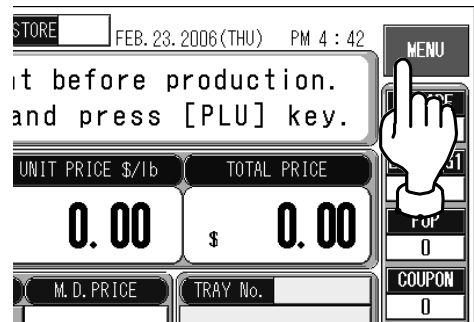


CAUTION

Lightly press the touch panel with your finger. Pressing the panel using pointed objects such as fingernails or mechanical pencils may damage the touch panel.

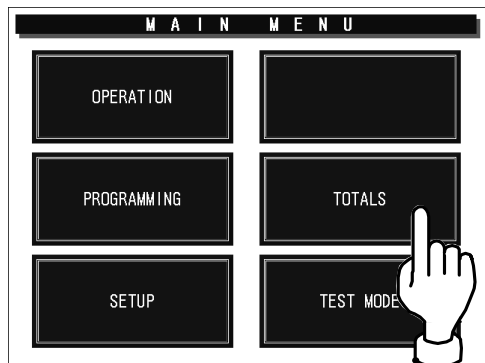
1. Make sure that the initial screen is displayed.

Press the [MENU] button.

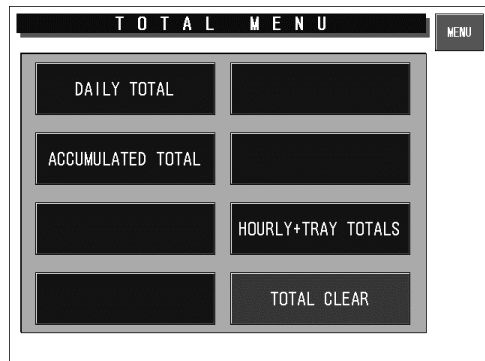


2. Main Menu screen is displayed.

Press the [TOTALS] button.



3. Total Menu screen is displayed.



REFERENCE

If a password has been set for entering Total Mode, press the [TOTALS] button after password entry (6 digits).

3.2 DAILY / ACCUMULATED TOTAL

This section explains about how to obtain various daily and accumulated totals in this machine.

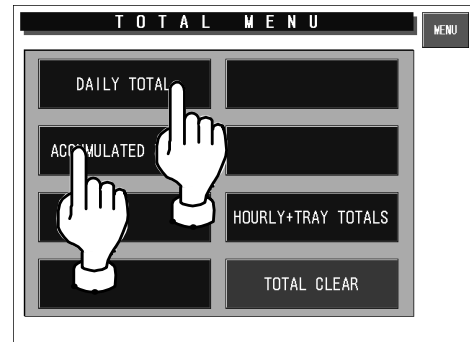
3.2.1 GRAND TOTAL

DAILY GRAND TOTAL				MENU
MACH. No. 1				
TOTAL	0 _{pcs}	\$	0.00	0.000 _{lb}
SUB.	0 _{pcs}	\$	0.00	0.000 _{lb}
TODAY	0 _{pcs}	\$	0.00	0.000 _{lb}
REWRAP	0 _{pcs}	\$	0.00	0.000 _{lb}
ACCRUE	0 _{pcs}	\$	0.00	0.000 _{lb}

CAUTION

Lightly press the touch panel with your finger. Pressing the panel using pointed objects such as fingernails or mechanical pencils may damage the touch panel.

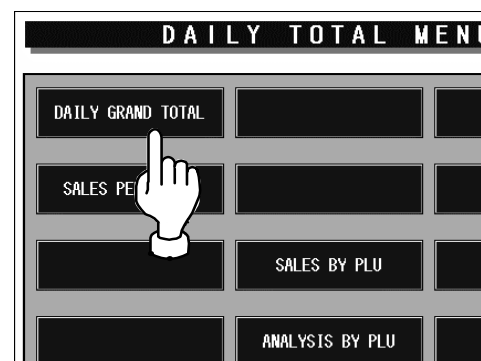
1. Press the [DAILY TOTAL] or [ACCUMULATED TOTAL] button on the Total Menu screen.



2. Daily Total Menu screen is displayed.

Press the [Daily Grand Total] button to select the desired report type.

The Daily Grand Total screen is displayed.



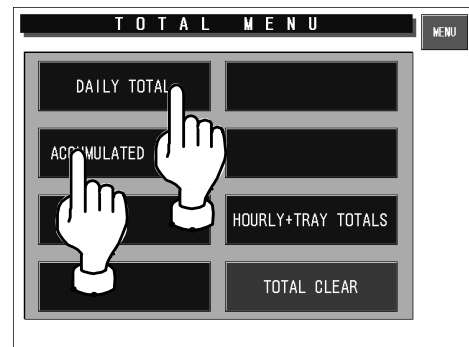
3.2.2 SALES TOTAL PER DEPARTMENT

SALES PER DEPT.				
TOTAL	0 pcs	0.0001 b	\$	0.00
AVERAGE	0.0001 b/pcs	0.00 \$/pcs		
No.	NAME	PCS	WT. (lb)	PRICE

CAUTION

Lightly press the touch panel with your finger. Pressing the panel using pointed objects such as fingernails or mechanical pencils may damage the touch panel.

1. Press the [DAILY TOTAL] or [ACCUMULATED TOTAL] button on the Total Menu screen.



2. Daily Total Menu screen is displayed.

Press the [Sales per Department] button to select the desired report type.

The Sales per Department Total screen is displayed.



3.2.3 SALES BY PLUS

CAUTION

Lightly press the touch panel with your finger. Pressing the panel using pointed objects such as fingernails or mechanical pencils may damage the touch panel.

1. Press the [DAILY TOTAL] or [ACCUMULATED TOTAL] button on the Total Menu screen.

2. Daily Total Menu screen is displayed.

Press the [Sales by PLU] button to select the desired report type.

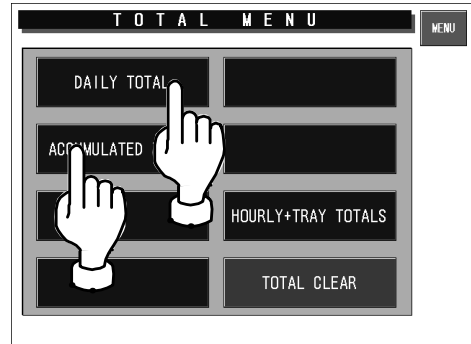
The Sales by PLU Total screen is displayed.

3.2.4 ANALYSIS BY PLUS

CAUTION

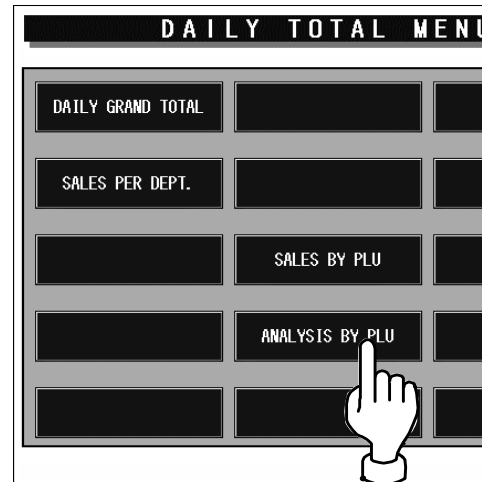
Lightly press the touch panel with your finger. Pressing the panel using pointed objects such as fingernails or mechanical pencils may damage the touch panel.

1. Press the [DAILY TOTAL] or [ACCUMULATED TOTAL] button on the Total Menu screen.



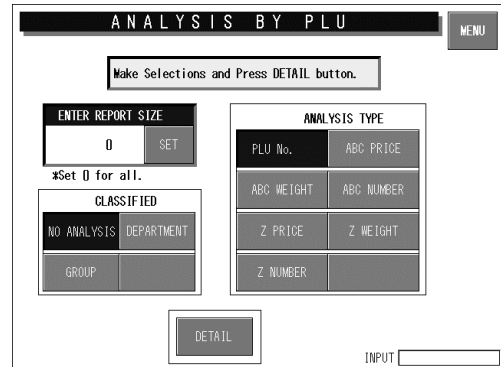
2. Daily Total Menu screen is displayed.

Press the [Analysis by PLU] button to select the desired report type.



3. Analysis By PLU screen is displayed.

Set the number of items to be displayed by pressing [SET] in the Enter Report Size field after numeric entry.



Note: Enter "0" to display all items and totalize them.

4. Press one of the following buttons in the “Classified” field to make a selection.

CLASSIFIED	
NO ANALYSIS	DEPARTMENT
GROUP	

NO ANALYSIS Displays and totalizes data for all PLUs.

DEPARTMENT Displays and totalizes PLU data for each department.

GROUP Displays and totalizes PLU data for each group.

5. Press one of the following buttons in the “Analysis Type” field to make a selection.

ANALYSIS TYPE	
PLU No.	ABC PRICE
ABC WEIGHT	ABC NUMBER
Z PRICE	Z WEIGHT
Z NUMBER	

PLU No. Displays and totalizes data in PLU number order.

ABC PRICE Displays and totalizes data in price descending order.

ABC WEIGHT Displays and totalizes data in weight descending order.

ABC NUMBER Displays and totalizes data in quantity descending order.

Z PRICE Displays and totalizes data in price ascending order.

Z WEIGHT Displays and totalizes data in weight ascending order.

Z NUMBER Displays and totalizes data in quantity ascending order.

6. Press the [DETAIL] button on the screen.

CLASSIFIED		ABC WEIGHT	ABC NUMBER
NO ANALYSIS	DEPARTMENT	Z PRICE	Z WEIGHT
GROUP		Z NUMBER	

DETAIL



The display changes to the Analysis By PLU screen.

ANALYSIS BY PLU

MENU

Make Selections and Press **DETAIL** button.

ENTER REPORT SIZE

0 SET

*Set 0 for all.

CLASSIFIED

NO ANALYSIS	DEPARTMENT
GROUP	

ANALYSIS TYPE

PLU No.	ABC PRICE
ABC WEIGHT	ABC NUMBER
Z PRICE	Z WEIGHT
Z NUMBER	

DETAIL

INPUT



ANALYSIS BY PLU

MENU

Make Selections and Press **DETAIL** button.

ENTER REPORT SIZE

0 SET

*Set 0 for all.

CLASSIFIED

NO ANALYSIS	DEPARTMENT
GROUP	

ANALYSIS TYPE

PLU No.	ABC PRICE
ABC WEIGHT	ABC NUMBER
Z PRICE	Z WEIGHT
Z NUMBER	

DETAIL

INPUT

Returns to Daily Total Menu screen.



ANALYSIS BY CATEGORY

BACK

TYPE	CUM. TTL PLU	SORTED BY PLU No.		
TOTAL	805 p c s	185.497 k g	R	3561.52
CATEGORY				
PLU No.	PLU NAME	P C S	WT. (kg)	PRICE
1	GROUND BEEF	11	3.410	120.47
2	GROUND BEEF SPECIAL	6	1.950	87.75
3	TEXAS GROUND BEEF	14	3.000	84.00
4	OREGON GROUND BEEF	2	0.503	24.14
5	CALIFORNIA GROUND BEEF	8	0.900	35.10
6	UTAH GROUND BEEF	4	0.600	25.20
7	SLICE BEEF	28	5.740	200.90
8	SLICE BEEF SPECIAL	7	2.800	67.20
9	SLICE TEXAS BEEF	20	6.110	183.30
10	SLICE OREGON BEEF	12	3.604	108.12

Returns to the previous screen

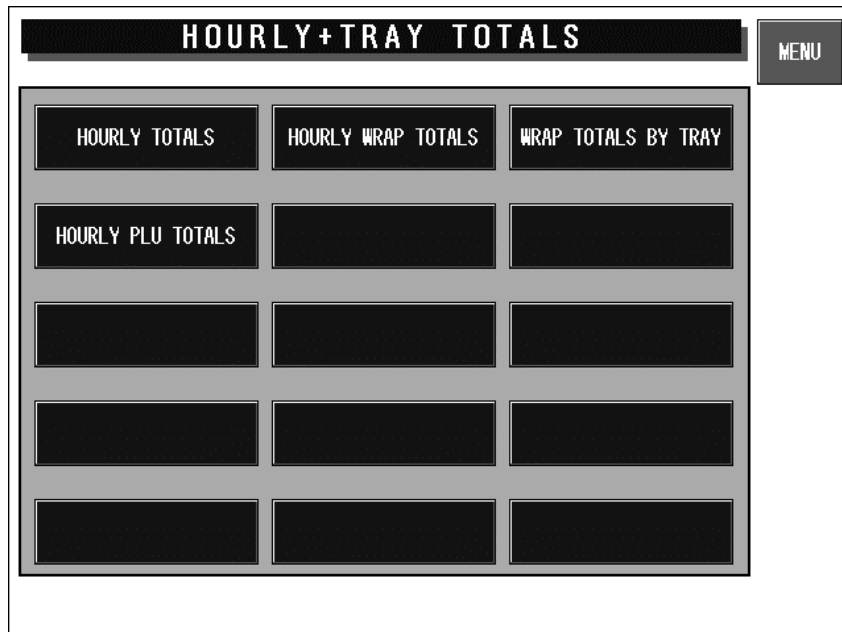
Moves the cursor up and down.

Turns over the screen.

Changes the screen for each classification type set on the Analysis BY PLU screen. This is not usable when the classification type is set as "No Analysis".

3.3 HOURLY + TRAY TOTALS

This section explains about how to obtain hourly and tray totals in this machine.



3.3.1 HOURLY TOTALS

HOURLY TOTALS

TOTAL 748 pcs 955.120 kg R 2397.29

PERIOD	PCS	%
7H TO 8H	28	3.8
8H TO 9H	39	5.2
9H TO 10H	55	7.3
10H TO 11H	50	6.7
11H TO 12H	64	8.6
12H TO 13H	78	10.4
13H TO 14H	123	16.5
14H TO 15H	131	17.5
15H TO 16H	92	12.3
16H TO 17H	88	11.7

PCS PRICE

MENU

↑ ↑ ↓ ↓

Turns over the screen.

Displays the hourly totals in relation to the PLU quantities or prices.

CAUTION

Lightly press the touch panel with your finger. Pressing the panel using pointed objects such as fingernails or mechanical pencils may damage the touch panel.

1. Press the [HOURLY + TRAY TOTALS] button on the Total Menu screen.

TOTAL MENU

MENU

DAILY TOTAL

ACCUMULATED TOTAL

HOURLY+TRAY TOTALS

TOTAL

2. The Hourly + Tray Totals screen is displayed.

Press the [HOURLY TOTALS] button on the screen.

HOURLY+TRAY TOTALS

MENU

HOURLY TOTALS

HOURLY WRAP TOTALS

WRAP TOTALS BY TRAY

HOURLY TOTALS

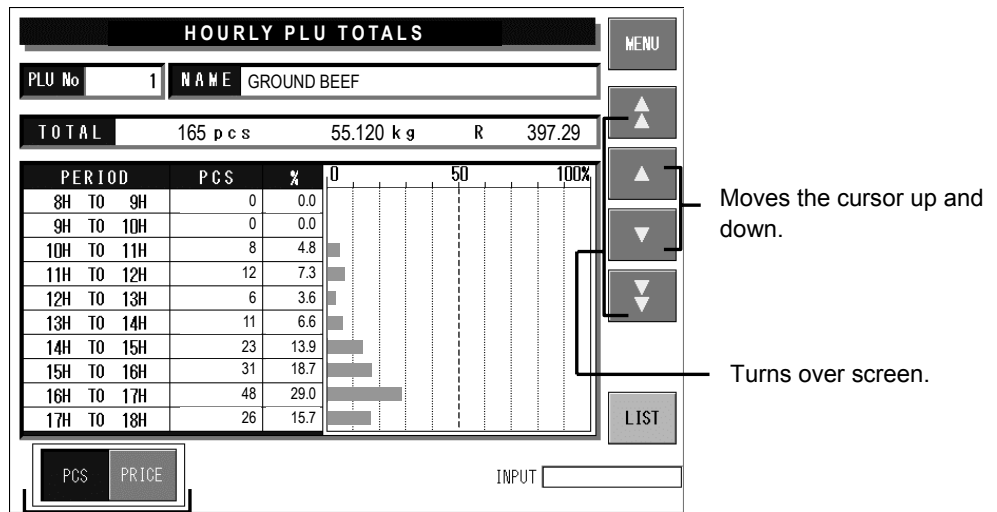
3. Totals for each time zone screen are displayed.

Select the type of data to be analyzed.

11H TO 12H	64	8.6
12H TO 13H	78	10.4
13H TO 14H	123	16.5
14H TO 15H	131	17.5
15H TO 16H	92	12.3
16H TO 17H	88	11.7

PCS PRICE

3.3.2 HOURLY PLU TOTALS

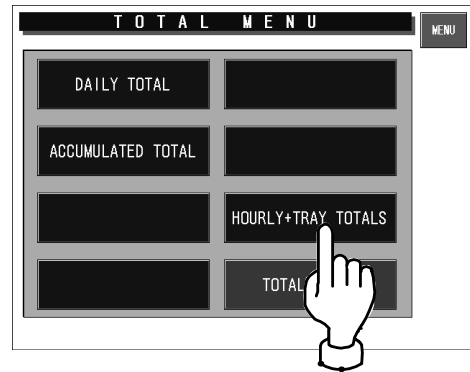


Displays the hourly totals in relation to the PLU quantities or prices.

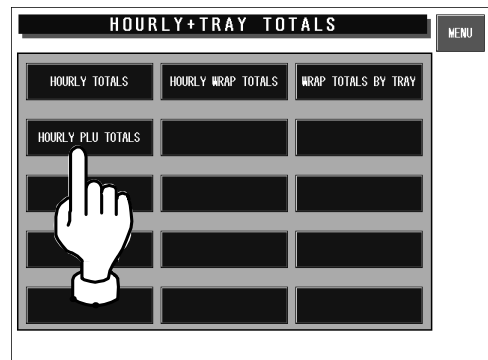
CAUTION

Lightly press the touch panel with your finger. Pressing the panel using pointed objects such as fingernails or mechanical pencils may damage the touch panel.

1. Press the [HOURLY + TRAY TOTALS] button on the Total Menu screen.

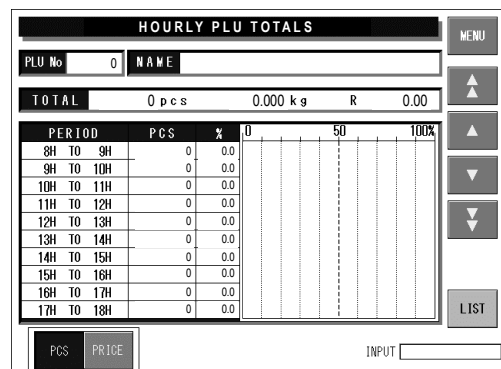


2. Press the [HOURLY PLU TOTALS] on the screen.



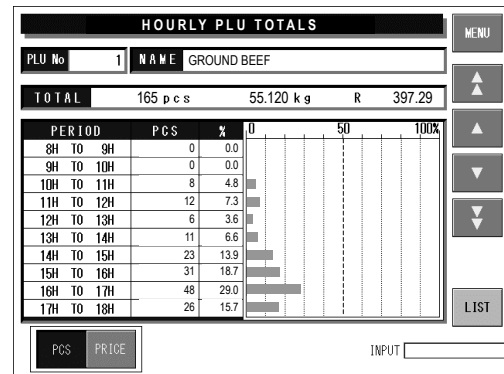
3. The Hourly PLU Totals screen is displayed.

Call the desired PLU by pressing the [PLU] stroke key after numeric entry.



4. Totals for each time zone screen are displayed.

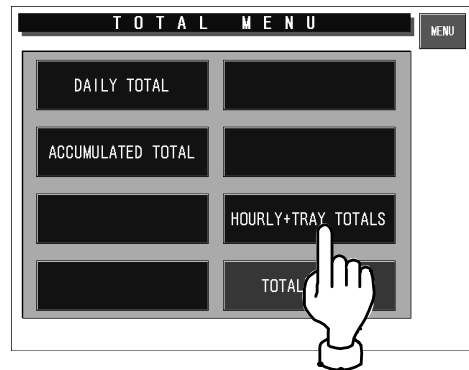
Select the type of data to be analyzed.



3.3.3 HOURLY WRAP TOTALS

HOURLY WRAP TOTALS						
TOTAL	WRP+LB	%	LABEL	%	WRAP	%
4 4	8	18.2	36	81.8	0	0.0
PERIOD	WRP+LB	%	LABEL	%	WRAP	%
7H TO 8H	0	0.0	0	0.0	0	0.0
8H TO 9H	0	0.0	0	0.0	0	0.0
9H TO 10H	0	0.0	0	0.0	0	0.0
10H TO 11H	3	37.5	0	0.0	0	0.0
11H TO 12H	0	0.0	13	36.1	0	0.0
12H TO 13H	0	0.0	6	16.7	0	0.0
13H TO 14H	0	0.0	0	0.0	0	0.0
14H TO 15H	0	0.0	17	47.2	0	0.0
15H TO 16H	0	0.0	0	0.0	0	0.0
16H TO 17H	0	0.0	0	0.0	0	0.0

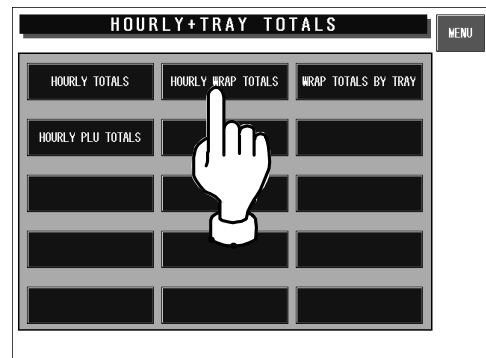
1. Press the [HOURLY + TRAY TOTALS] button on the Total Menu screen.



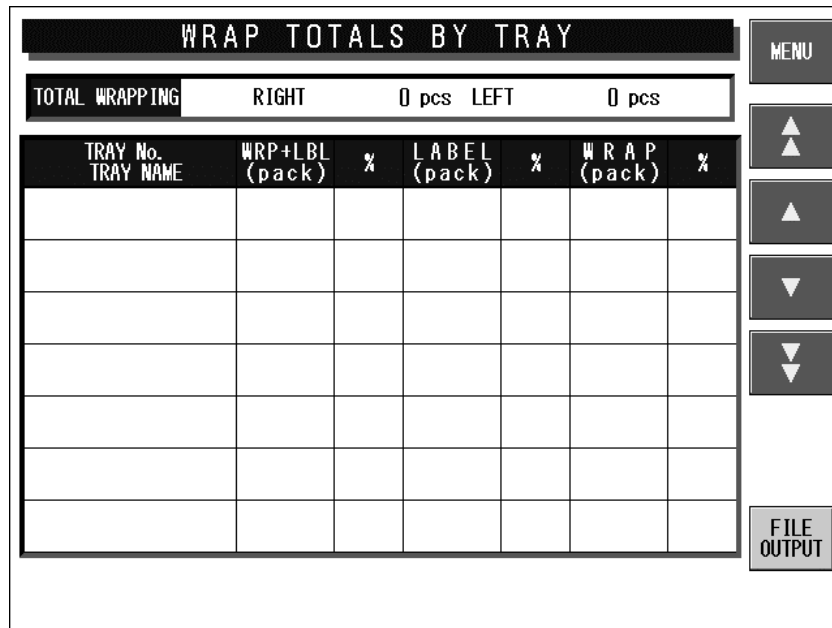
2. The Hourly + Tray Totals screen is displayed.

Press the [HOURLY WRAP TOTALS] button to make a selection.

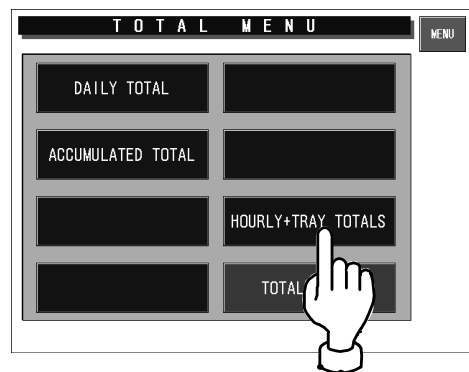
Totals for each time zone screen are displayed.



3.3.4 WRAP TOTALS BY TRAY



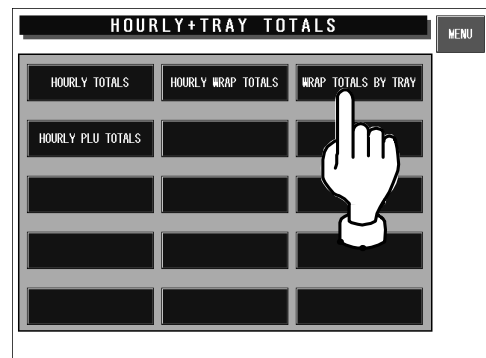
1. Press the [HOURLY + TRAY TOTALS] button on the Total Menu screen.



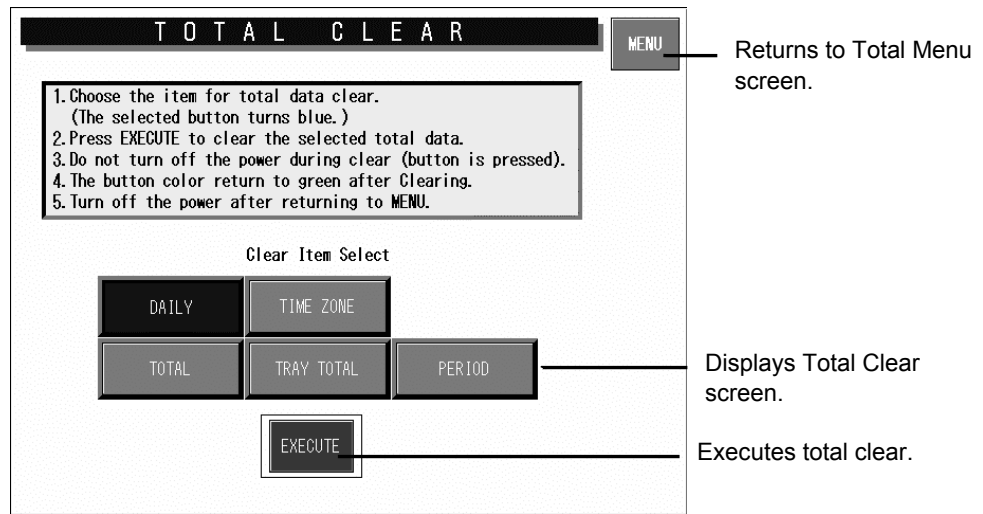
2. The Hourly + Tray Totals screen is displayed.

Press the [WRAP TOTALS BY TRAY] button to make a selection.

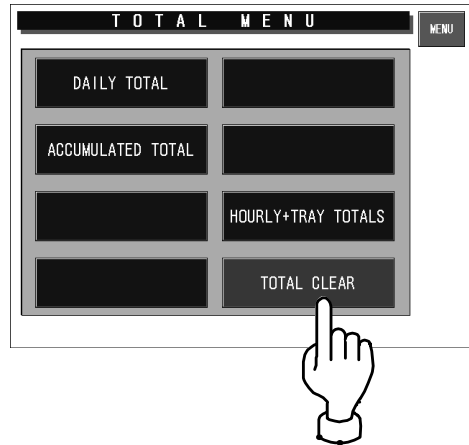
Wrap Totals by Tray are displayed.



3.4 TOTAL CLEAR



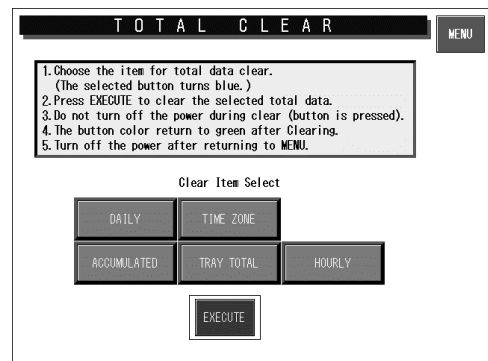
1. Press the [TOTAL CLEAR] button on the Total Menu screen.



2. The Total Clear screen is displayed.

Select the item from the accumulated totals.

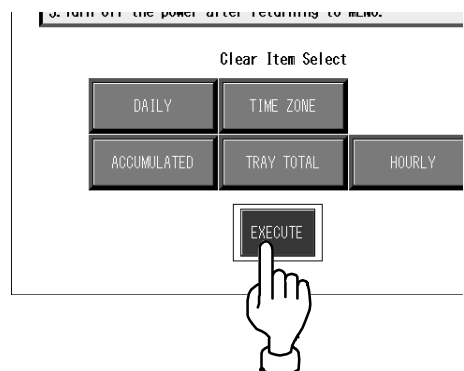
Press the desired button to make a selection of the items to be deleted among [DAILY] [TOTAL] [TIME ZONE] [TRAY TOTAL] and [PERIOD].



3. Press the [EXECUTE] button to clear the selected total.

Delete confirmation screen is displayed.

Press [EXECUTE] to clear the selected items.



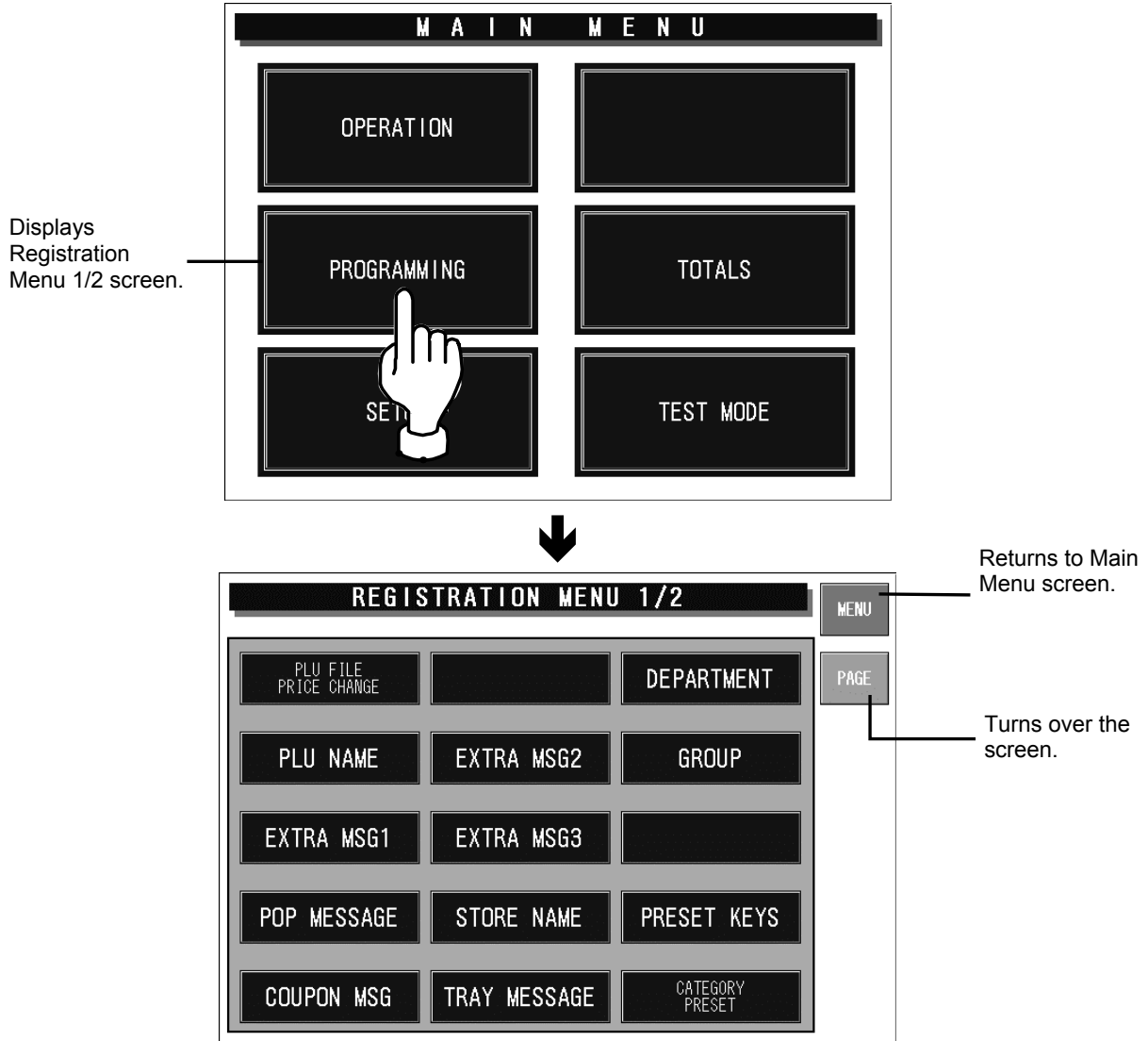
4

**PROGRAMMING
MODE**

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4.1 PROGRAMMING MODE



■ REGISTRATION ITEMS

Registration Items	Contents
PLU FILE/ PRICE CHANGE	The PLU name and its relative data (unit price, fixed price, tare weight, register code, POP number, etc.) can be registered.
PLU NAME	The PLU name can be registered.
EXTRA MESSAGE 1	The extra message 1 can be registered.
POP MESSAGE	The POP message can be registered.
COUPON MSG	The coupon message can be registered.
EXTRA MESSAGE 2	The extra message 2 can be registered.
EXTRA MESSAGE 3	The extra message 3 can be registered.
STORE NAME	The store name and address can be registered.
TRAY MESSAGE	The tray data such as name, size, and weight can be registered.
DEPARTMENT	The department name can be registered.
GROUP	The group name can be registered.
PRESET KEYS	The PLU data can be allocated to the memory preset key
CATEGORY PRESET	The PLU data indexed and linked to the category preset can be registered.

4.2 PLU FILE REGISTRATION

PLU name and its relative data (unit price, fixed price, tare weight, register code, POP number, etc.) can be registered. Register the PLU data after selecting the PLU field listed on the screen.

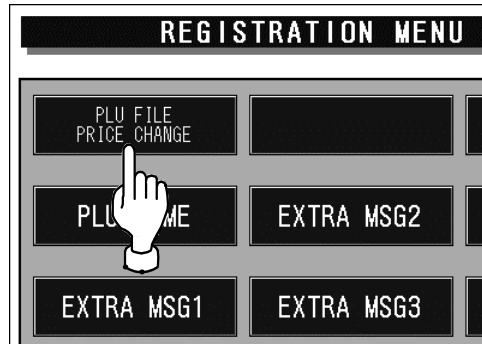
The screenshot shows the 'PLU FILE REGISTRATION' screen. It features a table with three columns: 'PLU No.', 'PLU NAME', and 'PRICE'. The table lists seven items. To the right of the table is a vertical control panel with buttons for 'MENU', navigation arrows (up, down, and a double-down arrow), 'DETAIL', and 'DELETE'. Below the table, there are status indicators: 'Curr. /ALL ITEM' with a '1 / 583' counter, 'MEMORY 86%', and an 'INPUT' field.

PLU No.	PLU NAME	PRICE
000101	HAVARTI/W/ DILL	\$ 50.35
000103	CORNISH HEN/	\$ 1.99
000104	CAPONES/	\$ 2.79
000105	DUCK/	\$ 1.89
000106	GOOSE/	\$ 2.59
000107	TURKEY GIZZARDS/	\$ 1.75

MENU — Returns to Registration Menu screen.
▲ — Turns back the screen.
▲ — Moves the cursor up and down.
▼ — Turns over the screen.
DETAIL — Displays PLU Data Registration screen.
DELETE — Deletes the selected data.

Curr. /ALL ITEM
 1 / 583 MEMORY 86% INPUT

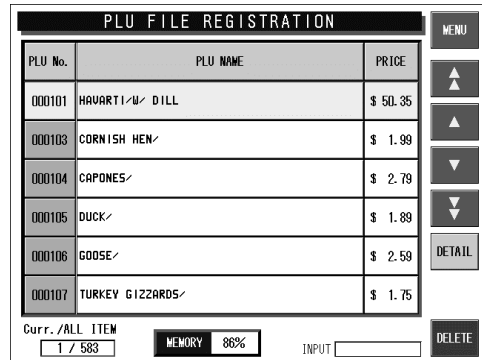
1. Press the [PLU FILE/PRICE CHANGE] button.



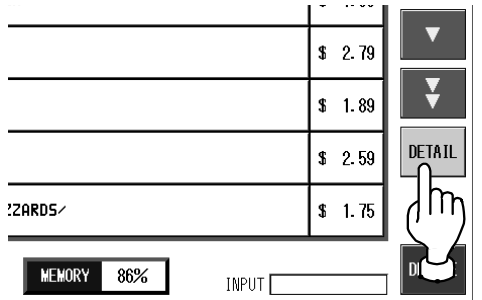
2. The PLU File Registration screen is displayed.

Press the desired PLU filed to make a selection.

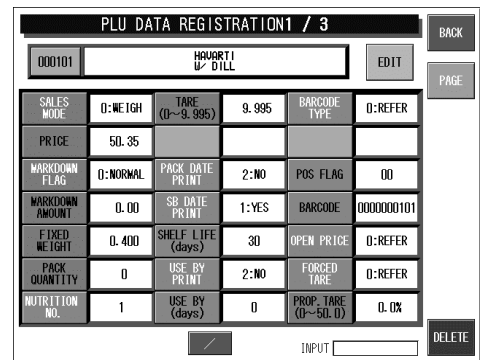
Or, enter the desired PLU number (1 - 999999) using the numeric keys, and press the [PLU] stroke key.



3. Press the [DETAIL] button on the screen.



4. PLU Data Registration 1/3 screen is displayed.



4.2.1 PLU DATA REGISTRATION 1/3 SCREEN

Displays the called PLU name. Also, changes to the next registered PLU name when directly pressed.

The text edit screen is displayed.

Saves the PLU data and returns to the previous screen.

Turns over the screen.

Deletes the called PLU data.

PLU DATA REGISTRATION1 / 3					
000101	HAVARTI W/ DILL				EDIT
SALES MODE	0:WEIGH	TARE (0~9.995)	9.995	BARCODE TYPE	0:REFER
PRICE	50.35				
MARKDOWN FLAG	0:NORMAL	PACK DATE PRINT	2:NO	POS FLAG	00
MARKDOWN AMOUNT	0.00	SB DATE PRINT	1:YES	BARCODE	000000101
FIXED WEIGHT	0.400	SHELF LIFE (days)	30	OPEN PRICE	0:REFER
PACK QUANTITY	0	USE BY PRINT	2:NO	FORCED TARE	0:REFER
NUTRITION NO.	1	USE BY (days)	0	PROP. TARE (0~50.0)	0.0%

INPUT

■ REGISTRATION METHOD

The table below is the summarized registration examples. Select necessary items and make necessary registrations.

Item	Example	Operational
PLU name	Register the PLU name.	<ol style="list-style-type: none"> 1. Press [EDIT] on the screen to display the PLU name registration screen. 2. Enter the PLU name on the text edit screen. 3. Press [RETURN] to return to the PLU name registration screen.
Sales Mode	Register the sales mode.	<ol style="list-style-type: none"> 1. Press [Sales Mode] to display the pop up screen. 2. Select the sales mode. <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>For weighing commodities WEIGH</p> <hr/> <p>For fixed price commodities NON-WEIGH</p> </div>

Item	Example	Operational														
Price	Register the price at "\$5.00". Not necessary when "NON-WEIGH" is registered in the sales mode.	The price can have five digits (0 - 99999). <div style="border: 1px solid black; padding: 2px; display: inline-block;"> 5 0 0 PRICE </div>														
Markdown Flag	Register the markdown type.	1. Press this button to display the pop-up screen. 2. Select the markdown flag. <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Normal price</td> <td style="text-align: right; padding: 2px;">NORMAL</td> </tr> <tr> <td style="padding: 2px;">Special price</td> <td style="text-align: right; padding: 2px;">SPECIAL</td> </tr> <tr> <td style="padding: 2px;">Discount amount</td> <td style="text-align: right; padding: 2px;">- \$</td> </tr> <tr> <td style="padding: 2px;">Discount rate</td> <td style="text-align: right; padding: 2px;">- %</td> </tr> <tr> <td style="padding: 2px;">Special unit price</td> <td style="text-align: right; padding: 2px;">SPL U/P</td> </tr> <tr> <td style="padding: 2px;">Discount unit price</td> <td style="text-align: right; padding: 2px;">- U/P</td> </tr> <tr> <td style="padding: 2px;">Discount rate unit price</td> <td style="text-align: right; padding: 2px;">- %U/P</td> </tr> </table> </div>	Normal price	NORMAL	Special price	SPECIAL	Discount amount	- \$	Discount rate	- %	Special unit price	SPL U/P	Discount unit price	- U/P	Discount rate unit price	- %U/P
Normal price	NORMAL															
Special price	SPECIAL															
Discount amount	- \$															
Discount rate	- %															
Special unit price	SPL U/P															
Discount unit price	- U/P															
Discount rate unit price	- %U/P															
Markdown Amount	Register the markdown price "\$7.20" for the PLU of which regular price is \$8.00.	Enter the numeric value and press [MARKDOWN AMOUNT] on the screen. <div style="border: 1px solid black; padding: 2px; display: inline-block;"> 7 2 0 MARKDOWN AMOUNT </div>														
Fixed Weight	Register the fixed weight "160g".	The fixed weight can have four digits (0 - 9999). <div style="border: 1px solid black; padding: 2px; display: inline-block;"> 1 6 0 FIXED WEIGHT </div>														
Pack Quantity	Register the pack quantity "2 pcs." for the PLU.	1. Press [Pack Quantity] to display the pop-up screen. 2. Press the pack quantity and counting unit. <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-top: 10px;"> 2 PACK QUANTITY </div>														
Tare	Register the tare weight "20g" as subtraction.	The tare weight can have three digits (0 - 999). <div style="border: 1px solid black; padding: 2px; display: inline-block;"> 2 0 TARE (0 - 5.998) </div>														
Pack Date Print	Register the pack date printing method.	1. Press this button to display the pop-up screen. 2. Select the pack date printing method. <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Machine settings are referred to.</td> <td style="text-align: right; padding: 2px;">REFER</td> </tr> <tr> <td style="padding: 2px;">Printing is required.</td> <td style="text-align: right; padding: 2px;">YES</td> </tr> <tr> <td style="padding: 2px;">Printing is not required.</td> <td style="text-align: right; padding: 2px;">NO</td> </tr> </table> </div>	Machine settings are referred to.	REFER	Printing is required.	YES	Printing is not required.	NO								
Machine settings are referred to.	REFER															
Printing is required.	YES															
Printing is not required.	NO															

Item	Example	Operational											
Sell-By Date Print	Register the sell-by date printing method.	1. Press this button to display the pop-up screen. 2. Select the sell-by date printing method. <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Machine settings are referred to.</td> <td style="text-align: right; padding: 2px;"><input type="button" value="REFER"/></td> </tr> <tr> <td style="padding: 2px;">Printing is required.</td> <td style="text-align: right; padding: 2px;"><input type="button" value="YES"/></td> </tr> <tr> <td style="padding: 2px;">Printing is not required.</td> <td style="text-align: right; padding: 2px;"><input type="button" value="NO"/></td> </tr> </table> </div>	Machine settings are referred to.	<input type="button" value="REFER"/>	Printing is required.	<input type="button" value="YES"/>	Printing is not required.	<input type="button" value="NO"/>					
Machine settings are referred to.	<input type="button" value="REFER"/>												
Printing is required.	<input type="button" value="YES"/>												
Printing is not required.	<input type="button" value="NO"/>												
Shelf Life	Register the shelf life to be "5 days" after pack date.	The number of days for shelf life date can have four digits (0 - 9999). <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; padding: 2px;"><input type="text" value="5"/></td> <td style="padding: 2px;"><input type="button" value="SHELF LIFE (days)"/></td> </tr> </table> </div>	<input type="text" value="5"/>	<input type="button" value="SHELF LIFE (days)"/>									
<input type="text" value="5"/>	<input type="button" value="SHELF LIFE (days)"/>												
Use By Print	Register the use-by date printing method.	1. Press this button to display the pop-up screen. 2. Select the use-by date printing method. <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Machine settings are referred to.</td> <td style="text-align: right; padding: 2px;"><input type="button" value="REFER"/></td> </tr> <tr> <td style="padding: 2px;">Printing is required.</td> <td style="text-align: right; padding: 2px;"><input type="button" value="YES"/></td> </tr> <tr> <td style="padding: 2px;">Printing is not required.</td> <td style="text-align: right; padding: 2px;"><input type="button" value="NO"/></td> </tr> </table> </div>	Machine settings are referred to.	<input type="button" value="REFER"/>	Printing is required.	<input type="button" value="YES"/>	Printing is not required.	<input type="button" value="NO"/>					
Machine settings are referred to.	<input type="button" value="REFER"/>												
Printing is required.	<input type="button" value="YES"/>												
Printing is not required.	<input type="button" value="NO"/>												
Use By	Register the use-by date to be "10 days" after pack date.	The number of days for use-by date can have four digits (0 - 9999) <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; padding: 2px;"><input type="text" value="1"/></td> <td style="text-align: center; padding: 2px;"><input type="text" value="0"/></td> <td style="padding: 2px;"><input type="button" value="USE BY (days)"/></td> </tr> </table> </div>	<input type="text" value="1"/>	<input type="text" value="0"/>	<input type="button" value="USE BY (days)"/>								
<input type="text" value="1"/>	<input type="text" value="0"/>	<input type="button" value="USE BY (days)"/>											
Barcode Type	Register the barcode type.	1. Press this button to display the pop-up screen. 2. Select the barcode type. <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">When enabling the machine settings</td> <td style="text-align: right; padding: 2px;"><input type="button" value="REFER"/></td> </tr> <tr> <td style="padding: 2px;">When setting to Non PLU 13</td> <td style="text-align: right; padding: 2px;"><input type="button" value="NON-PLU13"/></td> </tr> <tr> <td style="padding: 2px;">When setting to Non PLU 8</td> <td style="text-align: right; padding: 2px;"><input type="button" value="NON-PLU8"/></td> </tr> <tr> <td style="padding: 2px;">When setting to PLU 13</td> <td style="text-align: right; padding: 2px;"><input type="button" value="PLU13"/></td> </tr> <tr> <td style="padding: 2px;">When setting to PLU 8</td> <td style="text-align: right; padding: 2px;"><input type="button" value="PLU8"/></td> </tr> </table> </div>	When enabling the machine settings	<input type="button" value="REFER"/>	When setting to Non PLU 13	<input type="button" value="NON-PLU13"/>	When setting to Non PLU 8	<input type="button" value="NON-PLU8"/>	When setting to PLU 13	<input type="button" value="PLU13"/>	When setting to PLU 8	<input type="button" value="PLU8"/>	
When enabling the machine settings	<input type="button" value="REFER"/>												
When setting to Non PLU 13	<input type="button" value="NON-PLU13"/>												
When setting to Non PLU 8	<input type="button" value="NON-PLU8"/>												
When setting to PLU 13	<input type="button" value="PLU13"/>												
When setting to PLU 8	<input type="button" value="PLU8"/>												
POS Flag	Register the POS flag as "49". * This is not required when the flag reference is registered to "System".	POS flag can have two digits (0 - 99). <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; padding: 2px;"><input type="text" value="4"/></td> <td style="text-align: center; padding: 2px;"><input type="text" value="9"/></td> <td style="padding: 2px;"><input type="button" value="POS FLAG"/></td> </tr> </table> </div>	<input type="text" value="4"/>	<input type="text" value="9"/>	<input type="button" value="POS FLAG"/>								
<input type="text" value="4"/>	<input type="text" value="9"/>	<input type="button" value="POS FLAG"/>											
Barcode	Register the barcode as "1234567890".	Barcode can have ten digits (0 - 9999999999). <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; padding: 2px;"><input type="text" value="1"/></td> <td style="text-align: center; padding: 2px;"><input type="text" value="2"/></td> <td style="text-align: center; padding: 2px;"><input type="text" value="3"/></td> <td style="text-align: center; padding: 2px;"><input type="text" value="4"/></td> <td style="text-align: center; padding: 2px;"><input type="text" value="5"/></td> <td style="text-align: center; padding: 2px;"><input type="text" value="6"/></td> <td style="text-align: center; padding: 2px;"><input type="text" value="7"/></td> <td style="text-align: center; padding: 2px;"><input type="text" value="8"/></td> <td style="text-align: center; padding: 2px;"><input type="text" value="9"/></td> <td style="text-align: center; padding: 2px;"><input type="text" value="0"/></td> <td style="padding: 2px;"><input type="button" value="BARCODE"/></td> </tr> </table> </div>	<input type="text" value="1"/>	<input type="text" value="2"/>	<input type="text" value="3"/>	<input type="text" value="4"/>	<input type="text" value="5"/>	<input type="text" value="6"/>	<input type="text" value="7"/>	<input type="text" value="8"/>	<input type="text" value="9"/>	<input type="text" value="0"/>	<input type="button" value="BARCODE"/>
<input type="text" value="1"/>	<input type="text" value="2"/>	<input type="text" value="3"/>	<input type="text" value="4"/>	<input type="text" value="5"/>	<input type="text" value="6"/>	<input type="text" value="7"/>	<input type="text" value="8"/>	<input type="text" value="9"/>	<input type="text" value="0"/>	<input type="button" value="BARCODE"/>			

Item	Example	Operational						
Open Price	Register the open price selection.	<p>1. Press this button to display the pop-up screen. 2. Select whether to use the open price function or not.</p> <table border="1" data-bbox="826 297 1391 472"> <tr> <td data-bbox="826 297 1257 353">Machine settings are referred to.</td> <td data-bbox="1260 297 1391 353">REFER</td> </tr> <tr> <td data-bbox="826 358 1257 414">Price change is prohibited.</td> <td data-bbox="1260 358 1391 414">PROHIBIT</td> </tr> <tr> <td data-bbox="826 418 1257 472">Price change is allowed.</td> <td data-bbox="1260 418 1391 472">ALLOW</td> </tr> </table>	Machine settings are referred to.	REFER	Price change is prohibited.	PROHIBIT	Price change is allowed.	ALLOW
Machine settings are referred to.	REFER							
Price change is prohibited.	PROHIBIT							
Price change is allowed.	ALLOW							
Forced Tare	Register the forced tare selection.	<p>1. Press this button to display the pop-up screen. 2. Select whether to use the forced tare function or not.</p> <table border="1" data-bbox="826 602 1391 777"> <tr> <td data-bbox="826 602 1257 658">Machine settings are referred to.</td> <td data-bbox="1260 602 1391 658">REFER</td> </tr> <tr> <td data-bbox="826 663 1257 719">Forced tare function is used.</td> <td data-bbox="1260 663 1391 719">YES</td> </tr> <tr> <td data-bbox="826 723 1257 777">Forced tare function is not used.</td> <td data-bbox="1260 723 1391 777">NO</td> </tr> </table>	Machine settings are referred to.	REFER	Forced tare function is used.	YES	Forced tare function is not used.	NO
Machine settings are referred to.	REFER							
Forced tare function is used.	YES							
Forced tare function is not used.	NO							

4.2.2 PLU DATA REGISTRATION 2/ 3 SCREEN

Saves the PLU data and returns to the previous screen.


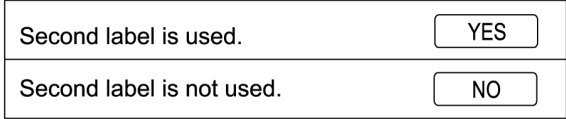
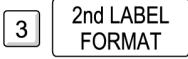
Turns over the screen.

■ REGISTRATION METHOD

The table below is the summarized registration examples. Select necessary items and make necessary registrations.

Item	Example	Operation
Extra Message (1 - 3)	Register the extra message 1 number "5".	The extra number can have four digit (0 - 9999).
Pack Time Print	Register the pack time print function. * Effective when the pack time is registered in the label format.	1. Press this button to display the pop-up screen. 2. Select the pack time printing method.
Pack Time Data	Register the pack time data. * Effective when the pack time data is registered as "DESIGNATE".	Enter a numeric value (0:00 - 23:59) and press [PACK TIME DATA] on the screen. Example: Specify the pack time at 6:30AM.

Item	Example	Operation						
Sell-By Time Print	Register the sell-by time print function. * Effective when the sell-by time is registered in the label format.	1. Press this button to display the pop-up screen. 2. Select the sell-by time printing method. <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Machine settings are referred to.</td> <td style="text-align: right; padding: 2px;"><input type="button" value="REFER"/></td> </tr> <tr> <td style="padding: 2px;">Printing is prohibited.</td> <td style="text-align: right; padding: 2px;"><input type="button" value="PROHIBIT"/></td> </tr> <tr> <td style="padding: 2px;">Sell-by time is printed.</td> <td style="text-align: right; padding: 2px;"><input type="button" value="RELATIVE"/></td> </tr> </table> </div>	Machine settings are referred to.	<input type="button" value="REFER"/>	Printing is prohibited.	<input type="button" value="PROHIBIT"/>	Sell-by time is printed.	<input type="button" value="RELATIVE"/>
Machine settings are referred to.	<input type="button" value="REFER"/>							
Printing is prohibited.	<input type="button" value="PROHIBIT"/>							
Sell-by time is printed.	<input type="button" value="RELATIVE"/>							
Sell-By Time Data	Register the sell-by time data. * Effective when the sell-by time data is registered as "RELATIVE".	Enter the number of hours (0 - 9999) and press [SELL-BY TIME DATA] on the screen. Example: Specify the sell-by time as "48 hours" after pack date. <div style="margin-top: 10px;"> <input type="button" value="4"/> <input type="button" value="8"/> <input type="button" value="SB TIME DATA"/> </div>						
Free Message (1 - 5)	Register the free message number.	Enter a numeric value (0 - 999999) and press [FREE 1 No.] on the screen. Example: Specify the message number "3" in the free message 1 master file. <div style="margin-top: 10px;"> <input type="button" value="3"/> <input type="button" value="FREE 1 No."/> </div>						
POP Message	Register the POP message number.	Enter a numeric value (0 - 999) and press [POP MESSAGE] on the screen. Example: Specify the message number "2" in the POP message master file. <div style="margin-top: 10px;"> <input type="button" value="2"/> <input type="button" value="POP MESSAGE"/> </div>						
Coupon Message	Register the coupon message number.	Enter a numeric value (0 - 99) and press [COUPON MESSAGE] on the screen. Example: Specify the message number "4" in the coupon message master file. <div style="margin-top: 10px;"> <input type="button" value="4"/> <input type="button" value="COUPON MESSAGE"/> </div>						
Logo (#1 - #3)	Register the logo message number.	Enter a numeric value (0 - 999) and press [LOGO] on the screen. Example: Specify the message number "1" in the logo message #1 master file. <div style="margin-top: 10px;"> <input type="button" value="1"/> <input type="button" value="LOGO #1 (0 - 999)"/> </div>						

Item	Example	Operation
Label Format	Register the label format number.	<p>Enter a numeric value (0 - 99) and press [LABEL FORMAT] on the screen.</p> <p>Example: Specify the label format number "1".</p> 
Second Label	Register the second label print availability.	<p>1. Press this button to display the pop-up screen. 2. Select whether or not to use the second label printing.</p> 
Second Label Format	Register the label format number.	<p>Enter a numeric value (0 - 99) and press [LABEL FORMAT] on the screen.</p> <p>Example: Specify the format number "3".</p> 

4.2.3 PLU DATA REGISTRATION 3/3 SCREEN

Saves the PLU data and returns to the previous screen.

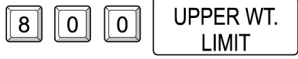

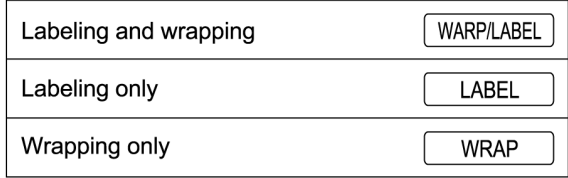
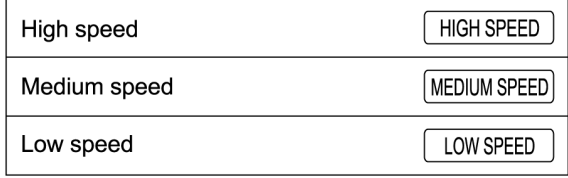
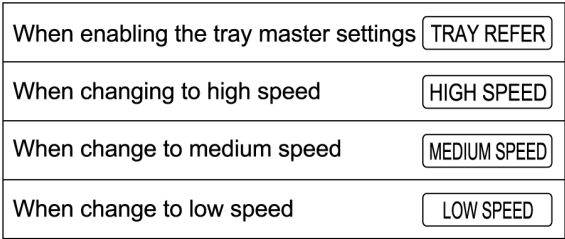
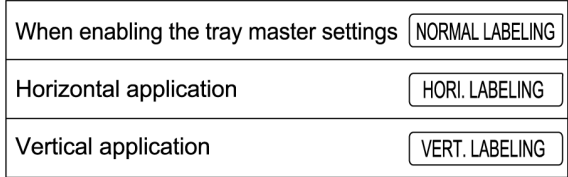
Turns over the screen.

DEPARTMENT	0	TRAY No.	3	LABELING MODE	1:AUTO LAB
GROUP	00	WRAP MODE	1:WRAP/LAB		
ITEM CODE	00000000	INFEEED SPEED	1:HIGH SPE		
UNIT TYPE	0:REFER	WRAP SPEED	0:TRAY REF		
UPPER WT. LIMIT	0.000	LABEL ROTATION	0:NORMAL L		
LOWER WT. LIMIT	0.000	TRAY VOLUME	0:FLAT VOL		
SH IMAGE No(0~999)	0	AUTO DETECTION	2:TRAY AUT		

■ REGISTRATION METHOD

The table below is the summarized registration examples. Select necessary items and make necessary registrations.

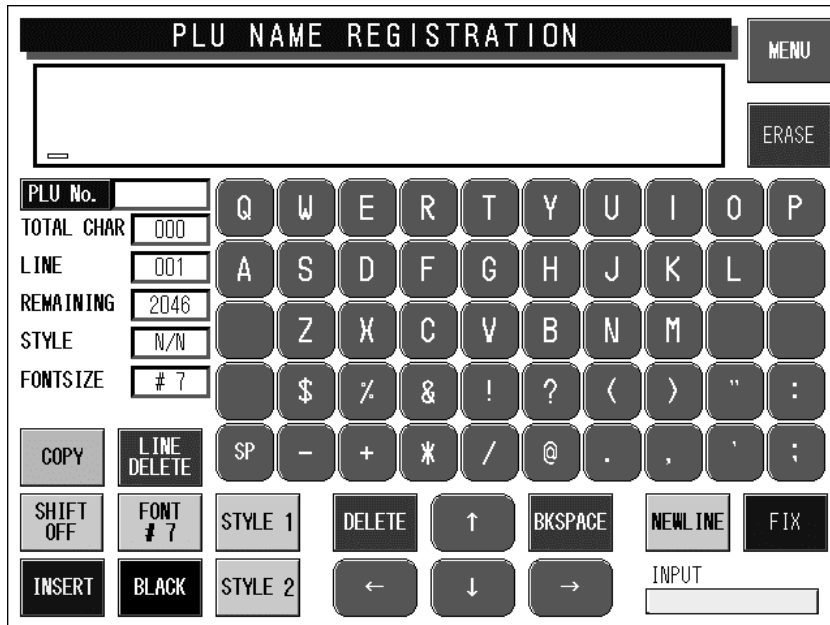
Item	Example	Operation
Department	Register the department number "8".	The department number can have one digit (0 - 9).
Group	Register the group number "11".	The group number can have two digits (0 - 99).
Item Code	Register the item code "12345678".	The item code can have eight digits (0 - 99999999).
Unit Type	Register the unit type.	1. Press this button to display the pop-up screen. 2. Select the unit type.

Item	Example	Operation
Upper Weight Limit	Register the upper weight limit "800g".	The upper weight limit can have five digits (0 - 99999). 
Lower Weight Limit	Register the lower weight limit "750g".	The lower weight limit can have five digits (0 - 99999). 
Wrap Mode	Register the wrap mode.	1. Press this button to display the pop-up screen. 2. Select the wrap mode. 
Infeed Speed	Register the speed for the infeed bar and the conveyer.	1. Press this button to display the pop-up screen. 2. Select the infeed speed. 
Wrap Speed	Register the commodity wrapping speed.	1. Press this button to display the pop-up screen. 2. Select the wrapping speed. 
Label Rotation	Register the label direction.	1. Press this button to display the pop-up screen. 2. Select the label direction. 

Items	Example	Operation								
Tray Volume	Register the commodity filling condition for wrapping.	<p>1. Press this button to display the pop-up screen. 2. Select the filling height.</p> <table border="1" data-bbox="831 320 1398 555"> <tr> <td data-bbox="831 320 1225 376">Without filling</td> <td data-bbox="1225 320 1398 376">NO VOLUME</td> </tr> <tr> <td data-bbox="831 376 1225 432">With small filling</td> <td data-bbox="1225 376 1398 432">LOW VOLUME</td> </tr> <tr> <td data-bbox="831 432 1225 488">With medium filling</td> <td data-bbox="1225 432 1398 488">MEDIUM VOLUME</td> </tr> <tr> <td data-bbox="831 488 1225 555">With large filling</td> <td data-bbox="1225 488 1398 555">HIGH VOLUME</td> </tr> </table>	Without filling	NO VOLUME	With small filling	LOW VOLUME	With medium filling	MEDIUM VOLUME	With large filling	HIGH VOLUME
Without filling	NO VOLUME									
With small filling	LOW VOLUME									
With medium filling	MEDIUM VOLUME									
With large filling	HIGH VOLUME									
Auto Detection	Register the automatic detection setting. (Register the commodity using the tray that cannot be identified with the camera such as transparent trays in the tray specification.)	<p>1. Press this button to display the pop-up screen. 2. Select the automatic detection.</p> <table border="1" data-bbox="831 685 1398 801"> <tr> <td data-bbox="831 685 1225 741">Manual tray detection</td> <td data-bbox="1225 685 1398 741">TRAY MANUAL</td> </tr> <tr> <td data-bbox="831 741 1225 801">Automatic tray detection</td> <td data-bbox="1225 741 1398 801">TRAY AUTO</td> </tr> </table>	Manual tray detection	TRAY MANUAL	Automatic tray detection	TRAY AUTO				
Manual tray detection	TRAY MANUAL									
Automatic tray detection	TRAY AUTO									
Labeling Mode	Select either automatic or manual labeling mode. Register the commodity whose surface is uneven or having difficulty in applying labels to the "Manual application".	<p>1. Press this button to display the pop-up screen. 2. Select the labeling mode.</p> <table border="1" data-bbox="831 927 1398 1043"> <tr> <td data-bbox="831 927 1225 983">Automatic labeling</td> <td data-bbox="1225 927 1398 983">AUTO LABELING</td> </tr> <tr> <td data-bbox="831 983 1225 1043">Manual labeling</td> <td data-bbox="1225 983 1398 1043">MANUAL LABELING</td> </tr> </table>	Automatic labeling	AUTO LABELING	Manual labeling	MANUAL LABELING				
Automatic labeling	AUTO LABELING									
Manual labeling	MANUAL LABELING									

4.3 PLU NAME REGISTRATION

A PLU name can be easily registered simply by pressing the [PLU NAME] button on the Registration Menu screen. Register the PLU name after calling the desired PLU.



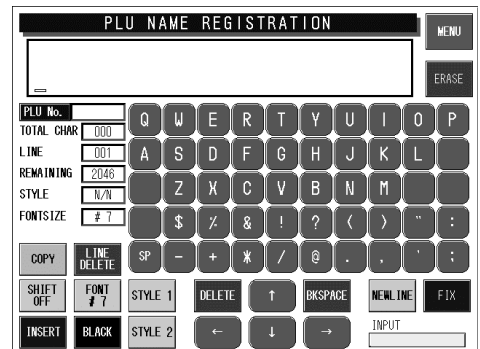
1. Press [PLU NAME] on the Registration Menu screen.



2. Text edit screen is displayed.
Specify the desired PLU.

EXAMPLE

PLU No. "1"



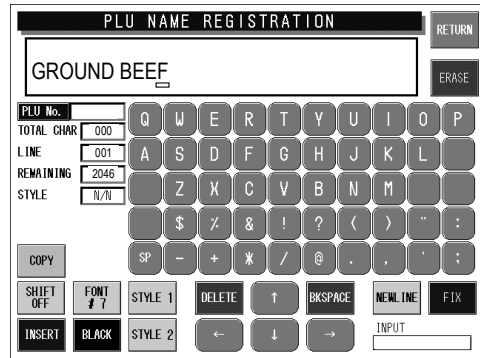


REFERENCE

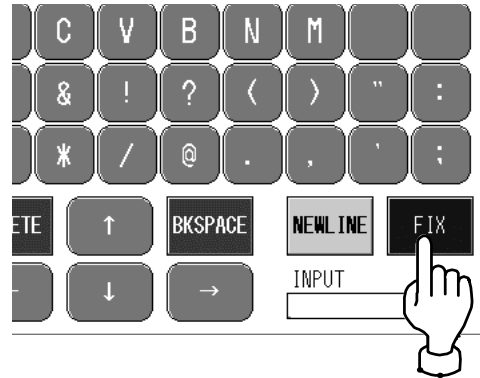
For character entry, refer to section 4.12 "Text Editing".

- The called PLU name is displayed.

Enter the desired text using the keyboard on the screen.



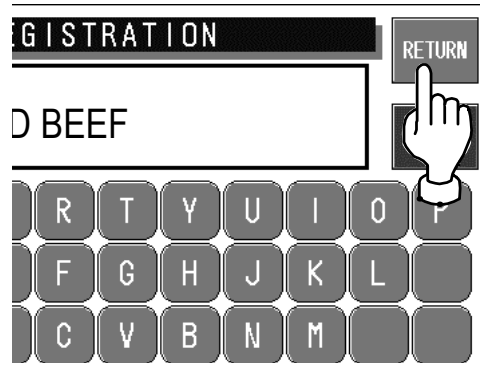
- Press the [FIX] button to confirm the text image.



- Press the [RETURN] button on the screen.

Save confirmation screen is displayed.

Press the [EXECUTE] button to save the data.



4.4 EXTRA MESSAGE REGISTRATION

Various messages can be registered in each extra message file. Register the desired message after selecting the desired message number (1 – 999999).

- 1. Press the [EXTRA MESSAGE] button on the Registration Menu screen.



- 2. Extra Message Registration screen is displayed.

Press the desired message field on the screen to make a selection.

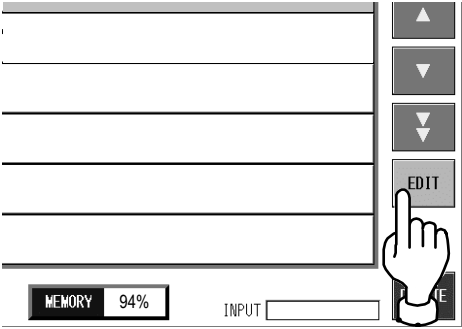
Or, enter the message number (1 - 999999) and press the [PLU] stroke key.



EXAMPLE
Message No. "1"

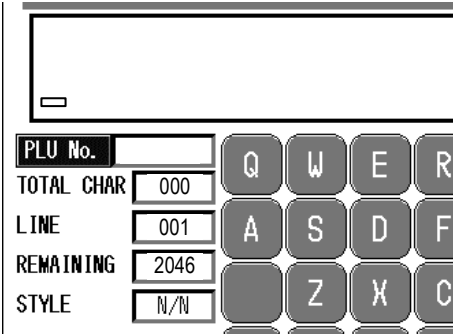


- 3. Press the [EDIT] button..



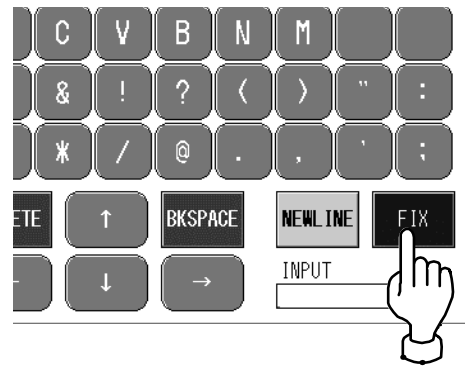
- 4. Text edit screen is displayed.

Enter the desired text using the keyboard on the screen.



REFERENCE
For character entry, refer to section 4.12 "Text Editing".

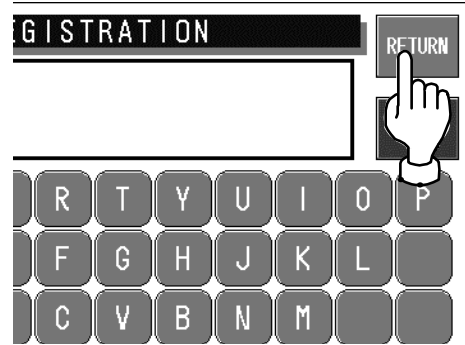
- 5.** Press the [FIX] button to confirm the text image.



- 6.** Press the [RETURN] button on the screen.

Save confirmation screen is displayed.

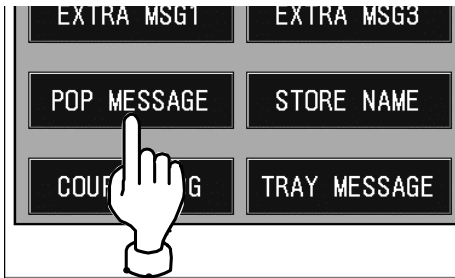
Press the [EXECUTE] button to save the data.



4.5 POP MESSAGE REGISTRATION

Various messages can be registered in the POP message file. Register the desired message after selecting the desired message number (1 – 999).

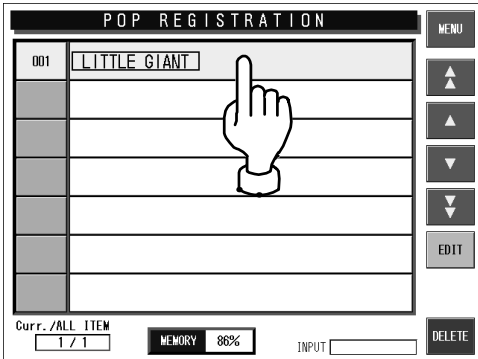
- 1. Press the [POP MESSAGE] button on the Registration Menu screen.



- 2. POP Registration screen is displayed.

Press the desired message field on the screen to make a selection.

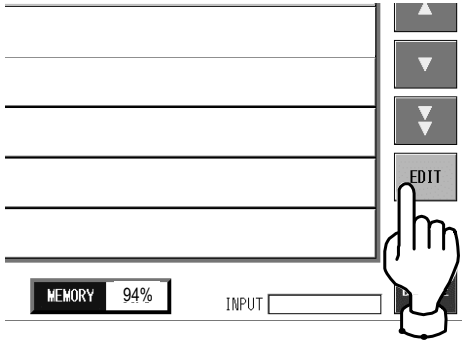
Or, enter the message number (1 - 999) and press the [PLU] stroke key.



EXAMPLE
Message No. "1"

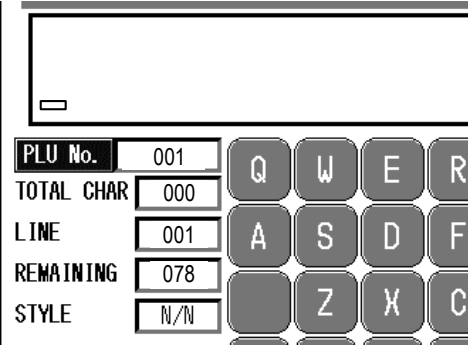


- 3. Press the [EDIT] button.



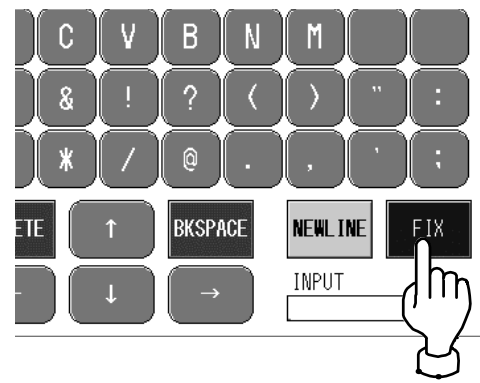
- 4. Text edit screen is displayed.

Enter the desired text using the keyboard on the screen.



REFERENCE
For character entry, refer to section 4.12 "Text Editing".

5. Press the [FIX] button to confirm the text image.

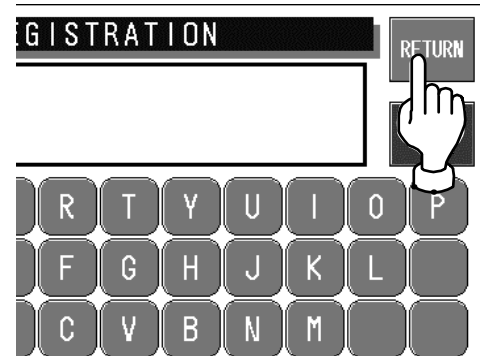


6. Press the [RETURN] button on the screen.

Save confirmation screen is displayed.

Press the [EXECUTE] button to save the data.

EXECUTE



4.6 COUPON MESSAGE REGISTRATION

Various messages can be registered in the coupon message file. Register the desired message after selecting the desired message number (1 – 999999).

- 1. Press the [COUPON MESSAGE] button on the Registration Menu screen.



- 2. Coupon Message Registration screen is displayed.

Press the desired message field on the screen to make a selection.

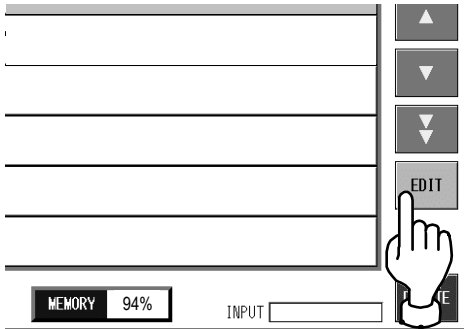
Or, enter the message number (1 - 999999) and press the [PLU] stroke key.



EXAMPLE
Message No. "1"

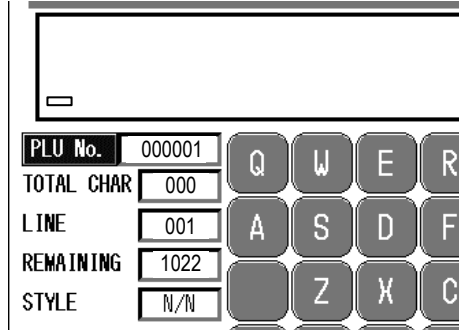


- 3. Press the [EDIT] button.



- 4. Text edit screen is displayed.

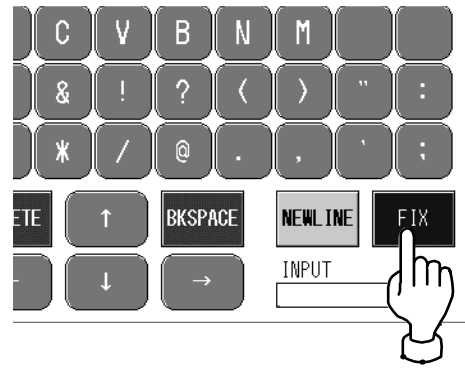
Enter the desired text using the keyboard on the screen.



REFERENCE

For character entry, refer to section 4.12 "Text Editing".

5. Press the [FIX] button to confirm the text image.

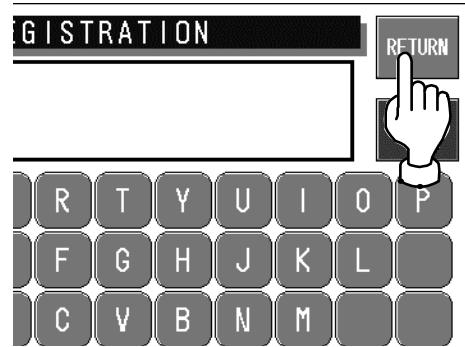


6. Press the [RETURN] button on the screen.

Save confirmation screen is displayed.

Press the [EXECUTE] button to save the data.

EXECUTE



4.7 STORE NAME/ADDRESS REGISTRATION

Various store names and addresses can be registered in the store name/address file. Register the desired name and address after selecting the desired store number (1 – 9999).

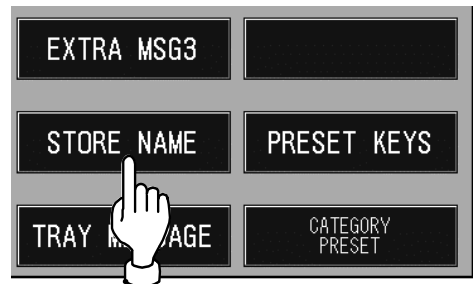
Annotations for the screenshot:

- MENU**: Returns to Registration Menu screen.
- Up/Down Arrows**: Selects the store data back and forth.
- EDIT**: Displays the text edit screen.

NOTICE

Select "9999" for your own store.

1. Press the [STORE NAME] button on the Registration Menu screen.



REFERENCE

For character entry, refer to section 4.12 "Text Editing".

2. Store Name/Address Registration screen for Store No.9999 is displayed.

The [NAME] field is automatically selected first.

When selecting a store number other than "9999", press [△] [▽] to find the desired number, or enter the store number (1 - 9999) and press the [PLU] stroke key.

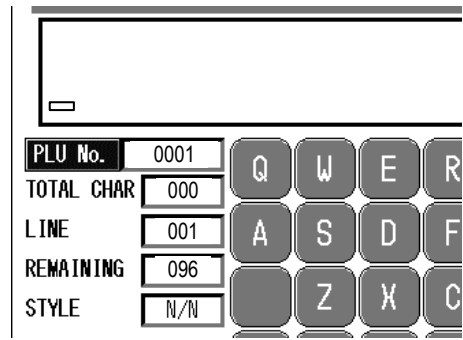
EXAMPLE

Store No. "1"

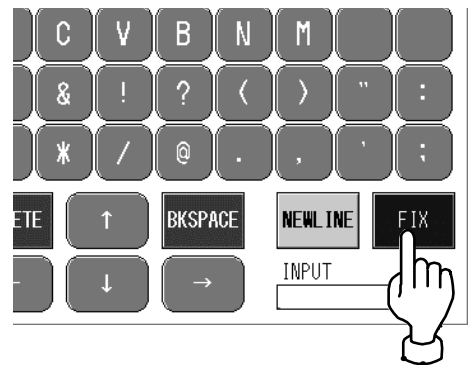


- Text edit screen is displayed for name registration.

Enter the desired text using the keyboard on the screen.



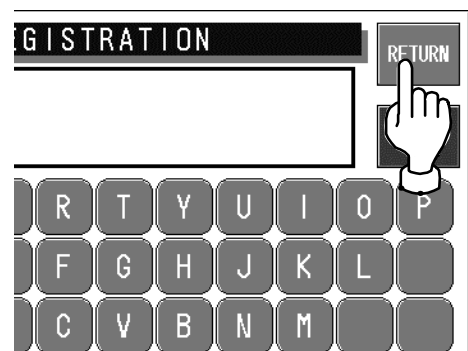
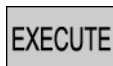
- Press the [FIX] button to confirm the text image.



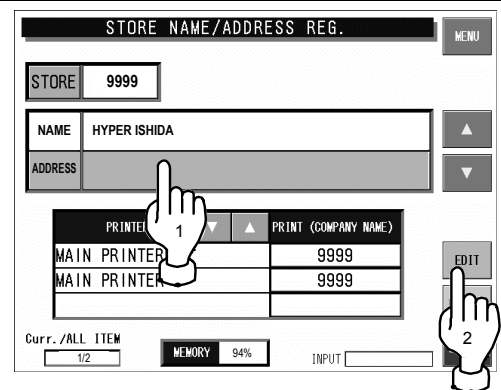
- Press the [RETURN] button on the screen.

Save confirmation screen is displayed.

Press the [EXECUTE] button to save the data.

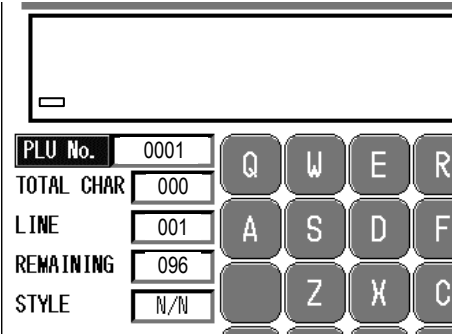


- Press the [ADDRESS] field to make a selection, and press the [EDIT] button on the screen.

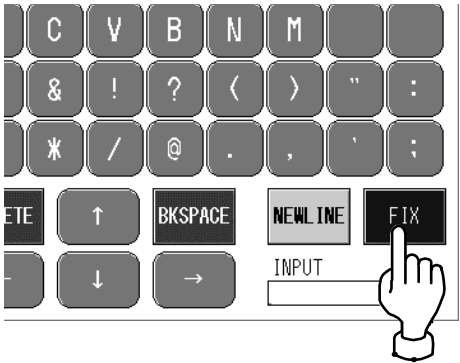


- 7. Text edit screen is displayed for address registration.

Enter the desired text using the keyboard on the screen.



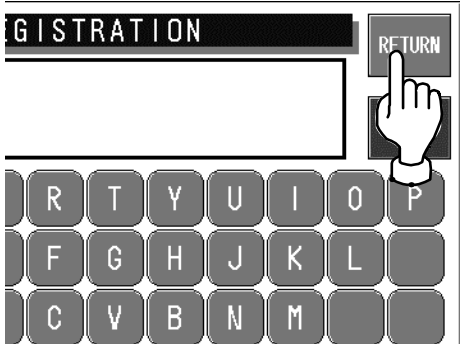
- 8. Press the [FIX] button to confirm the text image.



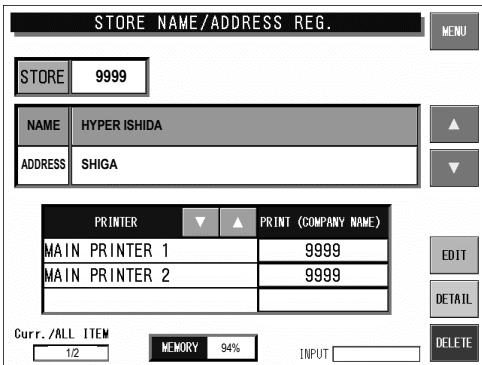
- 9. Press the [RETURN] button on the screen.

Save confirmation screen is displayed.

Press the [EXECUTE] button to save the data.



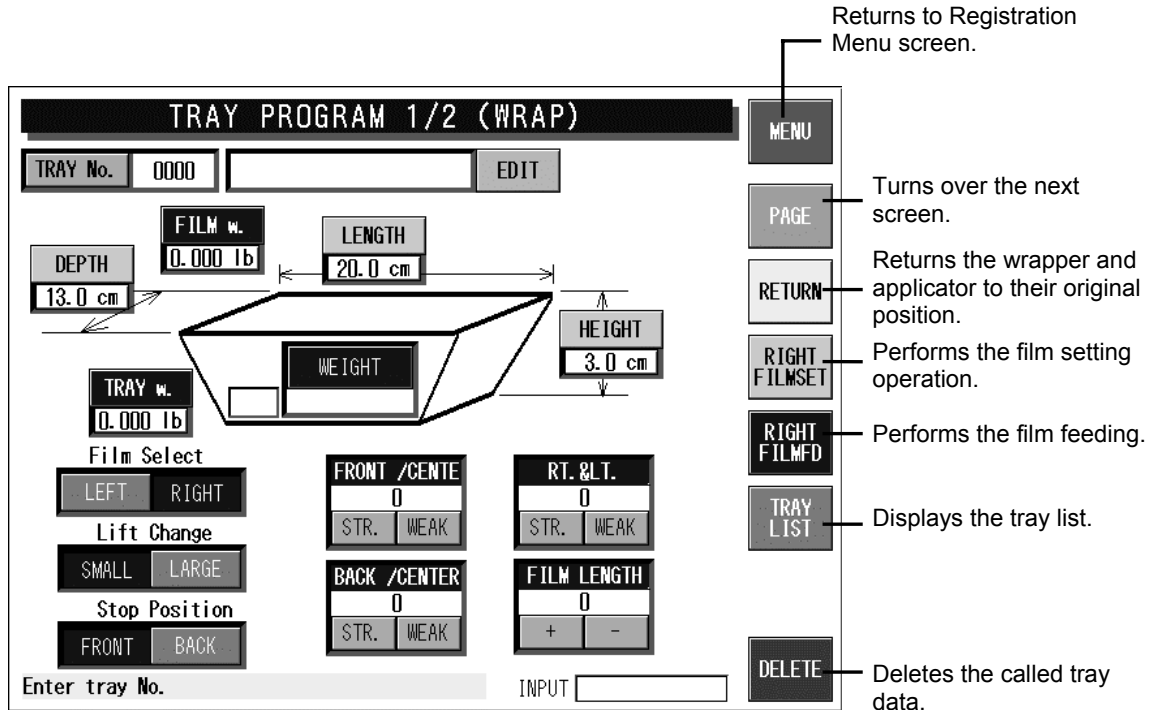
- 10. Registered name and address appear on the screen.



4.8 TRAY MESSAGE REGISTRATION

Tray names can be registered. Moreover, the size, name and other conditions of a tray can be registered. Tray Program screen includes 1/2 screen on which wrapping conditions can be registered and 2/2 screen on which labeling position can be registered.

4.8.1 TRAY PROGRAM 1/2 SCREEN



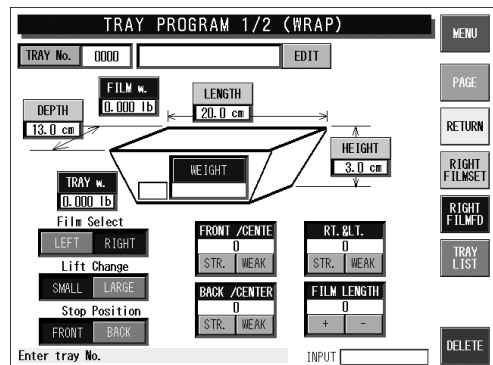
1. Press the [TRAY MESSAGE] button on the Registration Menu screen.



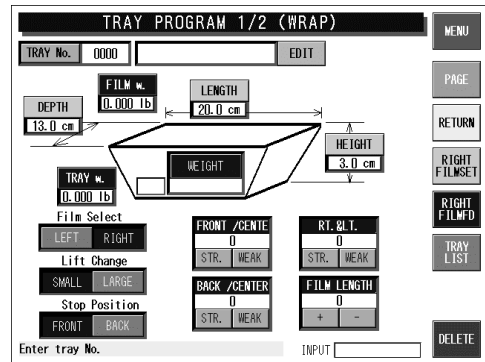
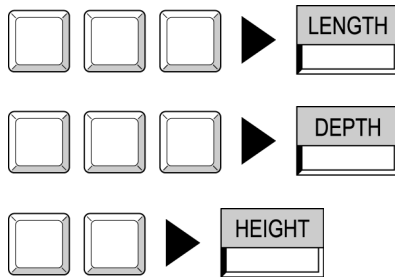
2. Tray Program 1/2 screen is displayed.

Enter the desired tray number (1- 9999) using the numeric keys, and press the [PLU] stroke key.

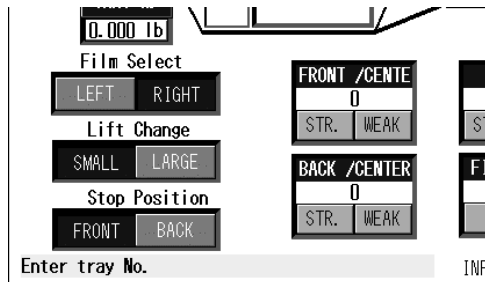
EXAMPLE
Tray No. "4"



3. Measure the tray size and enter each value by pressing the corresponding field after numeric entry.



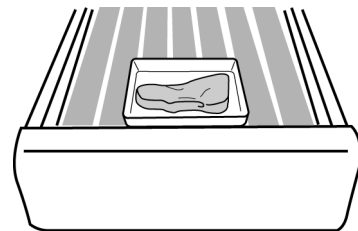
4. Select and press the desired film to be used.



CAUTION

The wrapper automatically starts as soon as the tray is placed on the weigh platter.

5. Place a tray on the weigh platter in the middle of the weigh platter.

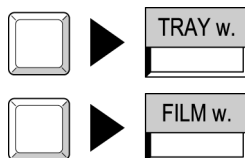


6. Press the [PLU] stroke key.



The wrapping operation starts and the wrapped tray will be discharged.

7. Measure the tray and the film and enter each value.



8. Check the finished wrapping condition.

Change the film tension and length if necessary.

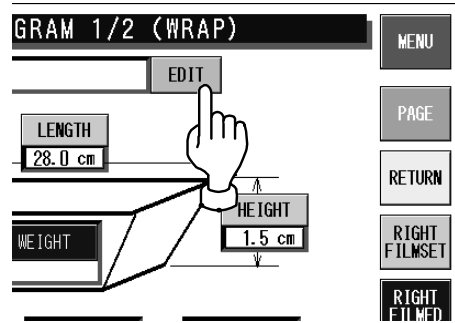


The weighing area can be used as the scale when [WEIGHT] is pressed. Press [WEIGHT] again to release this function after weighing.

4.8.2 TRAY NAME REGISTRATION

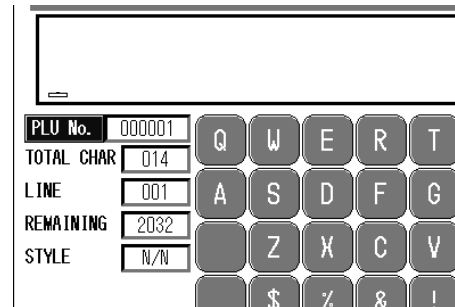
Up to 10 characters can be registered for each tray name.

1. Press the [EDIT] button on the Tray Program screen.



2. Text edit screen is displayed.

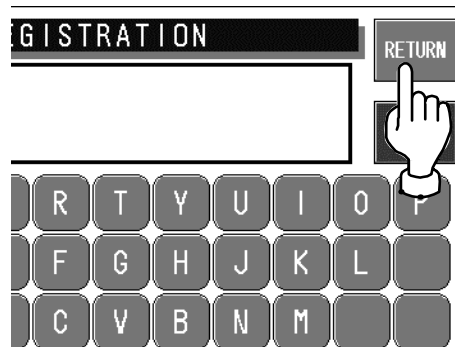
Enter the tray name using the keyboard on the screen.



3. Press the [RETURN] button on the screen.

Save confirmation screen is displayed.

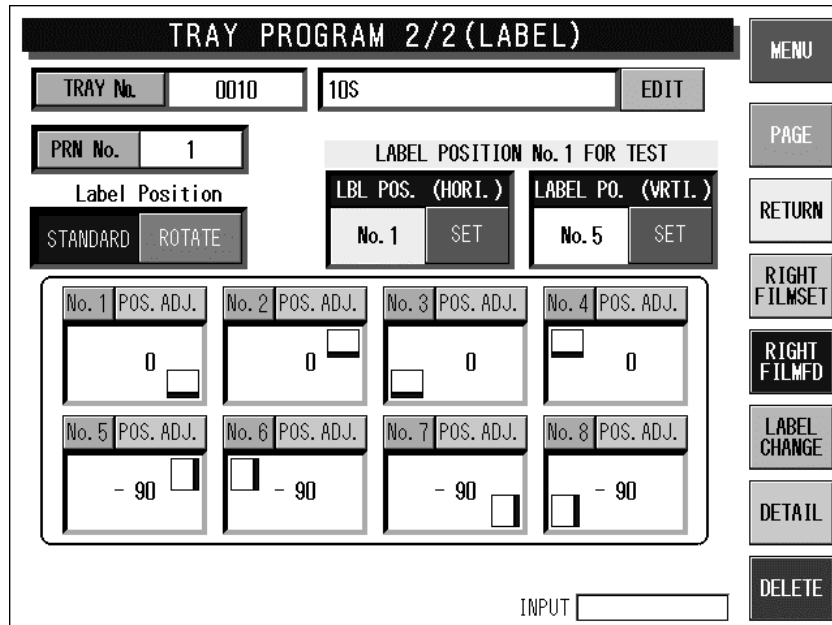
Press the [EXECUTE] button to save the data.



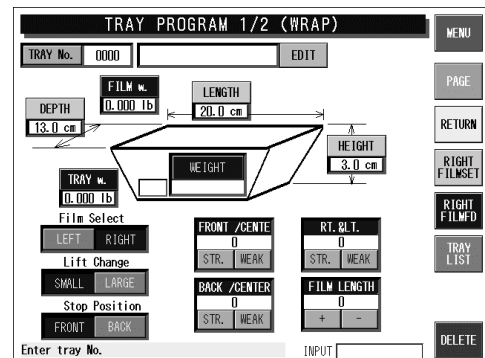
For character entry, refer to section 4.12 "Text Editing".

4.8.3 TRAY PROGRAM 2/2 SCREEN

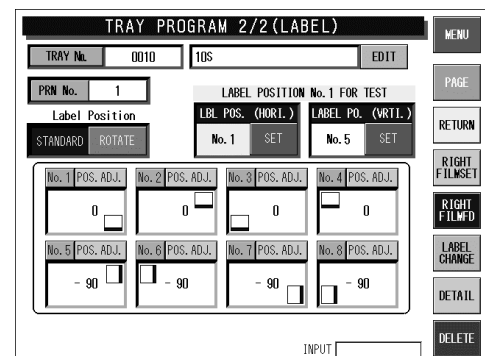
The machine can memorize the label pasting position for each tray either in horizontal or vertical direction.



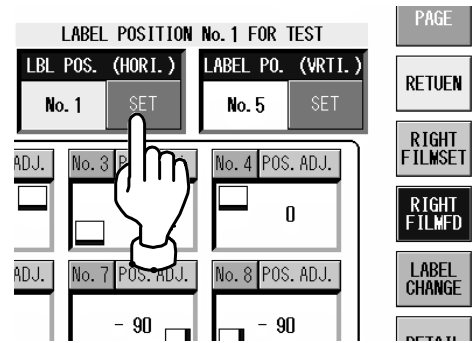
1. Press the [PAGE] button.



2. Tray Program 2/2 (Label) screen is displayed.



3. Enter a numeric value (1 – 4) for horizontal labeling position, and press the [SET] button in Label Position (Horizontal) field.



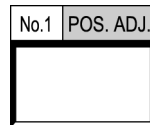
4. Label pasting test starts as soon as a tray is placed on the weigh platter.

The tray is discharged when the [PLU] stroke key is pressed.

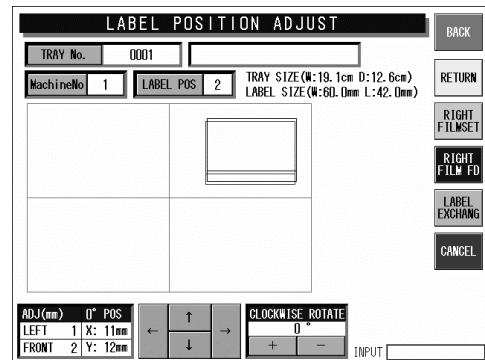


5. Adjust the labeling position based on the position where the label was pasted.

- (1) Press the [POSITION ADJUST] button of the set labeling position number.



Labeling Position Adjustment screen is displayed.



- (2) Correct the labeling position.

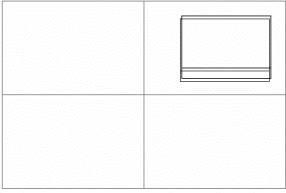
Items	Operation
<p>Right and left labeling position</p>	<p>Adjust right and left labeling position.</p> <p>The position can be moved in 1mm increments.</p>
<p>Upper and under label application positions</p>	<p>Adjust top and bottom labeling position.</p> <p>The position can be moved in 1mm increments.</p>
<p>Rotation angle</p>	<p>Change the labeling angle by pressing [+] and [-].</p> <p>The angle can be set to 0°, 90° and - 90°.</p> <p>When the option printer is used, the angle can be changed in 15° increments.</p>

- (3) Press [RETURN] to return to the Tray Program screen.

6. Enter a numeric value (5 – 8) and press [SET] in the Label Position (Vertical) field.

LABEL PO. (VRTI.)	
	SETTING

Decide the labeling position in the same procedure.

LABEL POSITION ADJUST					
TRAY No.	0001				
MachineNo	1	LABEL POS	2	TRAY SIZE (W: 19.1cm D: 12.6cm)	
				LABEL SIZE (W: 60.0mm L: 42.0mm)	
					
ADJ (mm)	0°	POS			
LEFT	1	X:	11mm		
FRONT	2	Y:	12mm		
			←	↓	→
			CLOCKWISE ROTATE		
			0°		
			+	-	INPUT

7. Finally, decide the standard labeling position.

HORI LBL.	VRTI LBL.
-----------	-----------

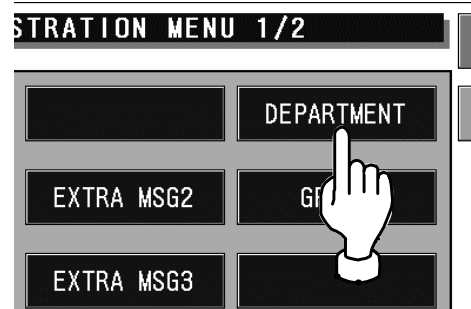
4.9 DEPARTMENT NAME REGISTRATION

Department names can be registered.

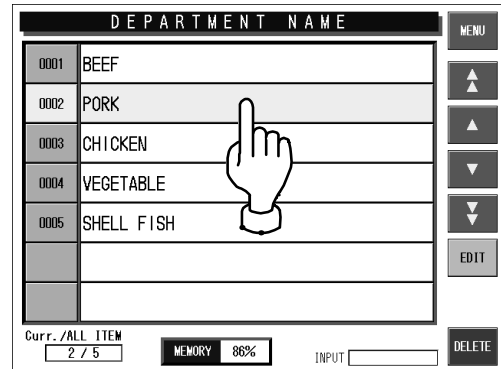


The procedure for group name registration is same as the one for department name registration.

1. Press the [DEPARTMENT] button on the Registration Menu screen.



2. The Department Name registration screen is displayed.



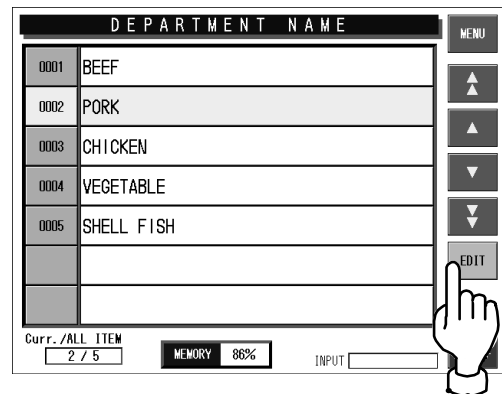
3. Press the desired department filed to make a selection when changing the text.

Or enter the desired department number (1 - 9999), and press the [PLU] stroke key.

Example Department No. "2"



4. Press the [EDIT] button on the screen when changing or creating the selected department name data.

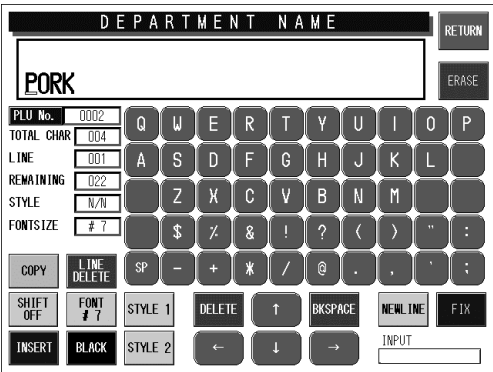




For character entry, refer to section 4.12 "Text Editing".

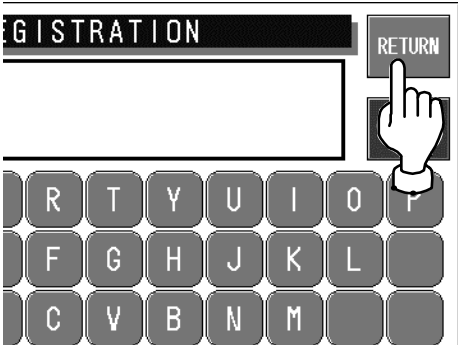
5. Text edit screen is displayed.

Enter the department name using the keyboard on the screen.



6. Press the [RETURN] button on the screen.

Press the [EXECUTE] button to save the data.



4.10 CATEGORY PRESET REGISTRATION

CATEGORY PRESET

*Choose the PRESET key and press EDIT to program the category name.
 *Select PLU No. to be linked with Category key.

BEEF	PORK	CHICKEN	VEGE TABLE
SHELL FISH	DIARY		

MENU

LIST REGISTR

NAME EDIT

DELETE

— Returns to Registration Menu screen.

PLU data list to be registered to the index is displayed. (Refer to section 4.10.2 “Registering Category Preset Keys from PLU List”.)

— Displays the index title registration screen.

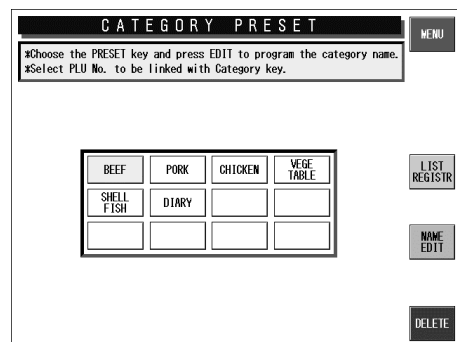
— Deletes all the data in the selected index number

1. Press the [CATEGORY PRESET] button on the Registration Menu screen.

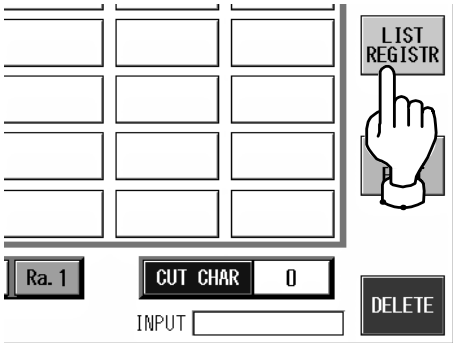


2. Category Preset Registration screen is displayed.

Select the index to register.



3. Press the [List Registration] on the screen.

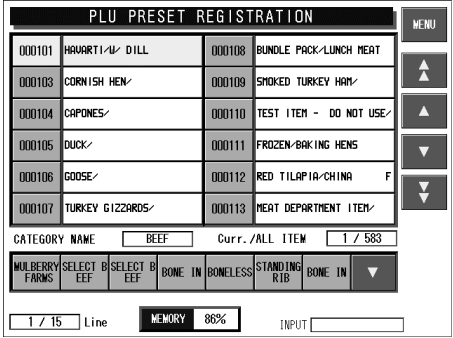


PLU preset registration can also be performed by pressing the preset key after numeric entry.

4. The PLU Preset Registration screen is displayed.

Select the PLU to allocate from the list.

Specify the PLU to allocate with the cursor and press the allocation position key of the preset keyboard.



4.11 PLU PRESET REGISTRATION

Register the commodity to PLU preset key used for the commodity call.

The screenshot shows the 'PLU PRESET REGISTRATION' screen. It features a table with two columns of PLU numbers and commodity names. Below the table are fields for 'CATEGORY NAME' (BEEF) and 'Curr./ALL ITEM' (1 / 583). At the bottom, there are buttons for 'MULBERRY FARMS', 'SELECT BEEF', 'BONE IN', 'BONELESS', 'STANDING RIB', and 'BONE IN'. A status bar at the bottom shows '1 / 15 Line', 'MEMORY 86%', and an 'INPUT' field. To the right of the screen, five navigation buttons are shown with arrows and text: 'MENU' (Returns to Registration Menu screen), an up arrow (Turns over the previous screen), another up arrow (Moves the cursor up), a down arrow (Moves the cursor down), and a down arrow (Turns over the next screen).

1. Press the [PRESET KEYS] button on the Registration Menu screen.



2. The Memo Preset Registration screen is displayed.

Select the PLU to allocate from the list.

Specify the PLU to allocate with the cursor and press the allocation position key of the preset keyboard.



PLU preset registration can also be performed by pressing the preset key after numeric entry.

This screenshot is identical to the one in the first image, showing the 'PLU PRESET REGISTRATION' screen with the same table, fields, and navigation controls.

4.12 TEXT EDITING

4.12.1 KEY FUNCTIONS

PLU number
The called PLU name or the entered PLU name is displayed.

PLU name
The called PLU name or the entered PLU name is displayed.


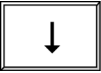









Commodity name

Number of registered characters — TOTAL CHAR 000
Current line number — LINE 001
Remaining number of characters — REMAINING 511
Character attribute — STYLE N/N

STYLE 1 STYLE 2
 N: Normal N: Normal
 B: Bold face S: Shadow
 R: Reverse E: Edge
 U: Underline
 F: Frame

RETURN — Touch this key to return to the Program Menu screen.
 ERASE — The displayed PLU name can be deleted.

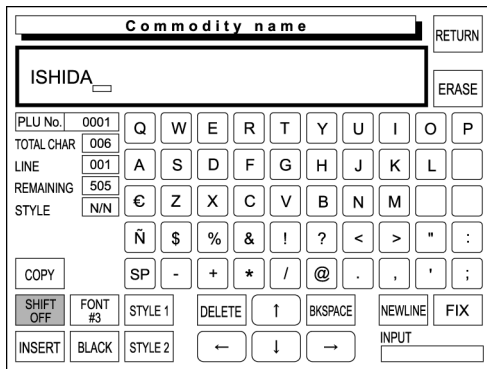
Key	Function
	Used to select either for inserting a character or selecting the characters on the text display field. Touching this key changes the key display in the following order.
	Used to select either black or red characters. Touching this key changes the key display in the following order. Note: Available only when two-color print specification is used.
	Used to emphasize the characters. Touching this key changes the key display in the following order. Used to emphasize the characters.
	This key is effective only when the two thermal heads are used. Touching this key changes the key display in the following order.
	Used to delete a character at the position where the cursor is positioned.
	Used to delete a character by moving the cursor back.
	Used to select the entered characters for editing the text. Also used to move the cursor left or right.

 	Used to move the character line up or down.
	Used to finish the text edit screen.
	Used to copy the original file data to the destination file data.
	Used to confirm the edited text image on the text display field.
	Used to erase the entire text on the text display field.
	Used to perform carriage return.
 / 	Used to select either lower-case or upper-case characters. SHIFT ON: Lower-case characters SHIFT OFF: Upper-case characters Touching this key changes the key display in the following order.
 → 	

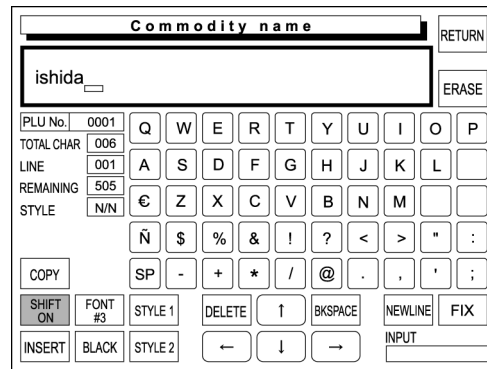
4.12.2 SHIFT ON /OFF

The [SHIFT ON] or [SHIFT OFF] button is used to select either lower-case or upper-case character.

Shift OFF (Upper-case character)



Shift ON (Lower-case character)



4.12.3 TEXT EDITING EXAMPLE

Text editing procedure is explained by quoting the following PLU name edit screen as an example.

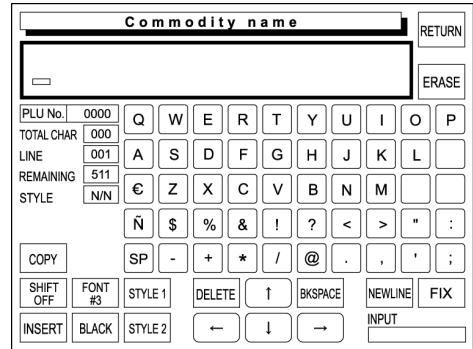


To erase the entire text displayed on the text display field, touch [ERASE] on the screen.

1. Confirm that the text edit screen is displayed.

Then, enter the desired PLU number and press the PLU key on the operating console.

Example PLU No.5

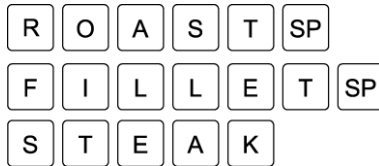


2. Text edit screen for the PLU number "5" is called.

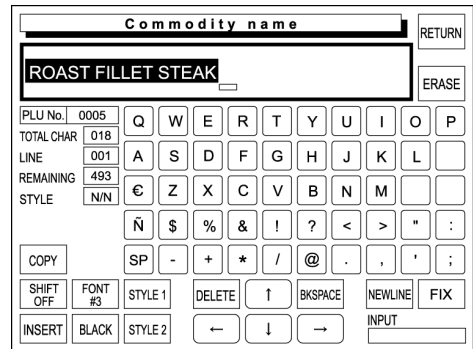
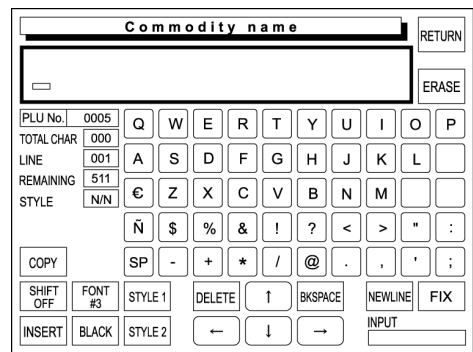
Enter the desired characters.



Example "Roast Fillet Steak"



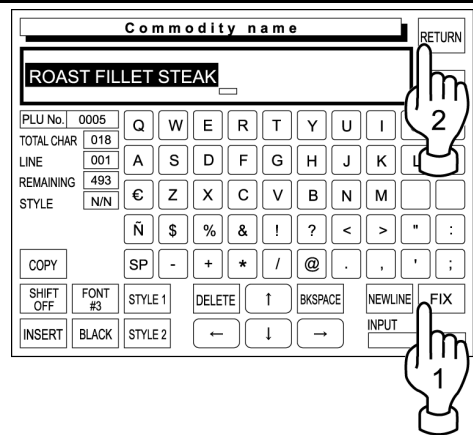
Edit the text as necessary.



3. When the text editing is completed, touch [FIX] to confirm the edited text image on the text display field.

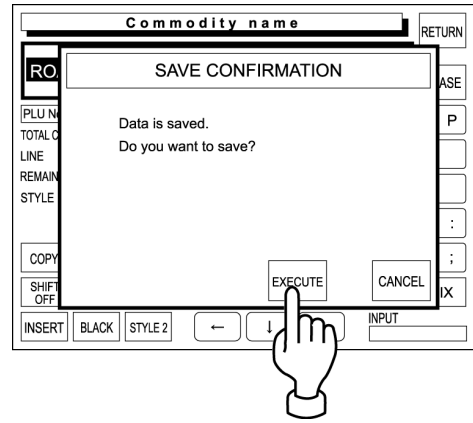


Then, touch [RETURN] to finish the text editing.



4. The confirmation screen appears on the display for saving.

Then, touch [EXECUTE] to save the text.



4.12.4 EMPHASIZING CHARACTERS

[STYLE 1] and [STYLE 2] keys are used to emphasize the characters.

<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">STYLE 1</div>	Touching this key changes the key display in the following order. <div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> <div style="border: 1px solid black; padding: 2px 5px;">BOLD-FACE</div> ➔ <div style="border: 1px solid black; padding: 2px 5px;">REVERSE</div> ➔ <div style="border: 1px solid black; padding: 2px 5px;">UNDERLINE</div> ➔ <div style="border: 1px solid black; padding: 2px 5px;">FRAME</div> </div>
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">STYLE 2</div>	Touching this key changes the key display in the following order. <div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> <div style="border: 1px solid black; padding: 2px 5px;">SHADOW</div> ➔ <div style="border: 1px solid black; padding: 2px 5px;">EDGE</div> </div>

The following procedure explains how to emphasize characters.

■ EMPHASIZING CHARACTERS FIRST



“Style 2” function is available only when two color thermal heads are used.

SHADOW

 or

EDGE

1. Touch to select one of the “Style 1” functions.

BOLD-FACE

 or

REVERSE

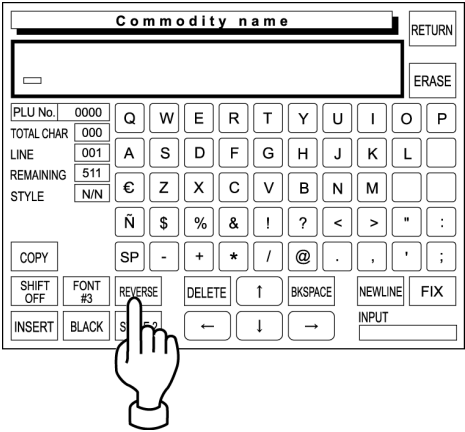
 or

UNDERLINE

 or

FRAME

Example “Reverse”
 Touch [STYLE 1] repeatedly until [REVERSE] appears on the key display.

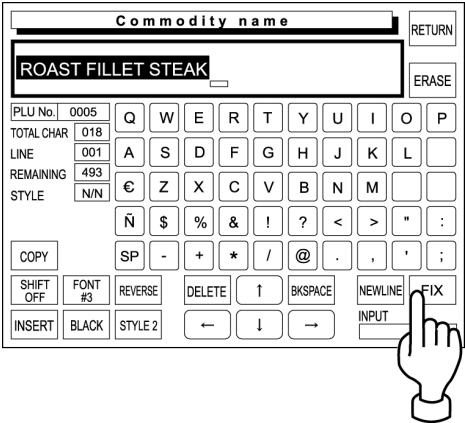


2. Enter the desired characters.

Example “Roast Fillet Steak”

R O A S T SP
 F I L L E T SP
 S T E A K

Touch [FIX] to confirm the edited text image on the display.

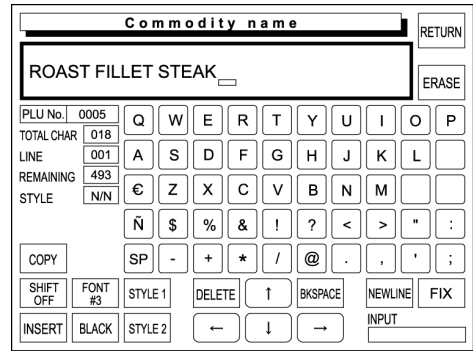


■ EMPHASIZING CHARACTERS LATER

1. Confirm that the existing text is displayed on the text display field.

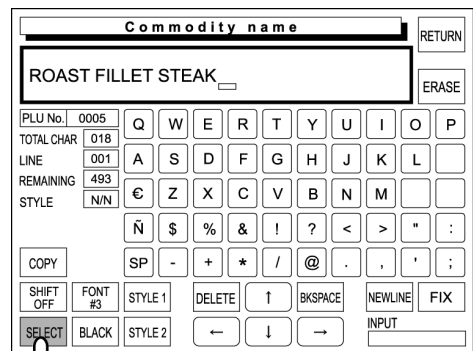
Otherwise, enter the desired characters.

Example “Roast Fillet Steak”



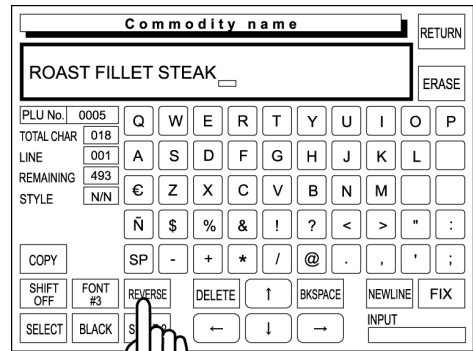
2. Confirm that [SELECT] is selected on the screen.

If not selected, touch [INSERT] to change the key display to [SELECT].

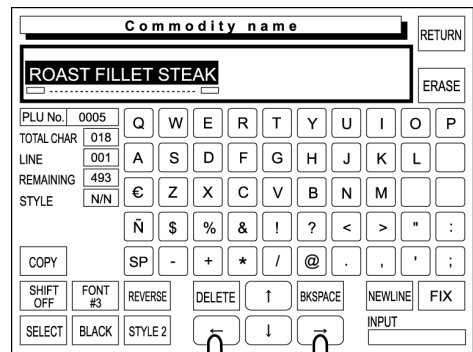


3. Select [REVERSE] by touching [STYLE 1] repeatedly.

Example “Reverse”



4. Use [←] and [→] keys to select the characters to be emphasized.

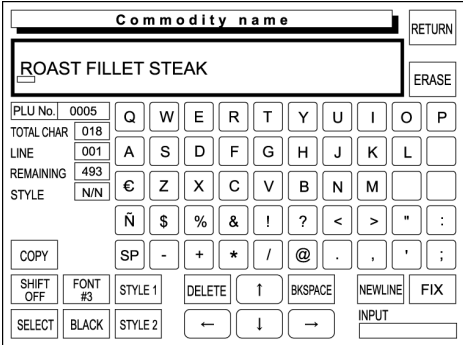


4.12.5 ERASING ENTIRE TEXT

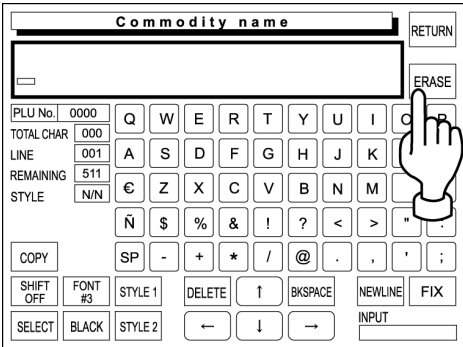
The following procedure is used to delete the entire text displayed on the text display field.

- 1. Confirm that the existing text is displayed on the text display field.

Example “Roast Fillet Steak”



- 2. Touch [ERASE] on the screen to delete the entire text.

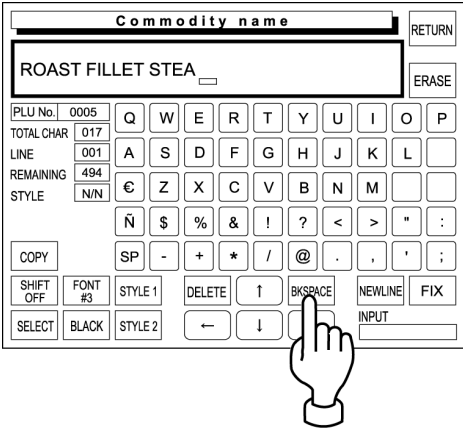


4.12.6 BACK SPACING

The following procedure is used to move the cursor back, and delete a character if any.

- 1. If you have misspelled, press [BACK SPACE] on the screen to delete the character that has been lastly entered.

Example “Roast Fillet Steal”

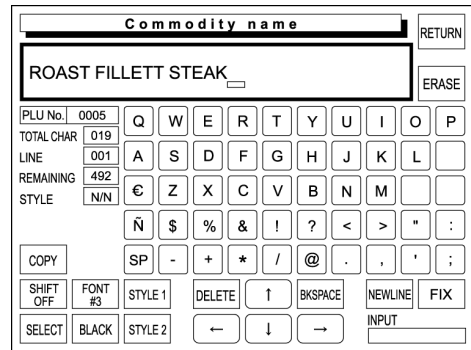


4.12.7 DELETING CHARACTERS

The following procedure is used to delete a character at the position where the cursor is placed.

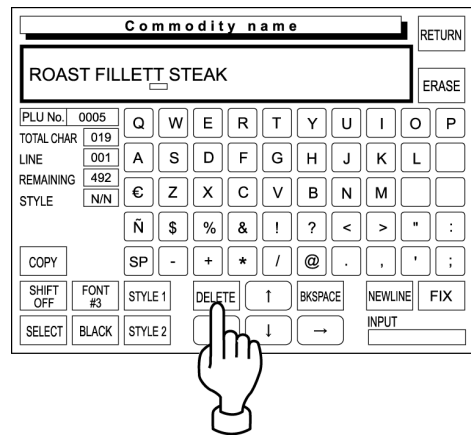
1. The displayed text is misspelled.

Example “Roast Fillet Steak”



2. Place the cursor at the character to be deleted.

Then, touch [DELETE] on the screen to delete the character.

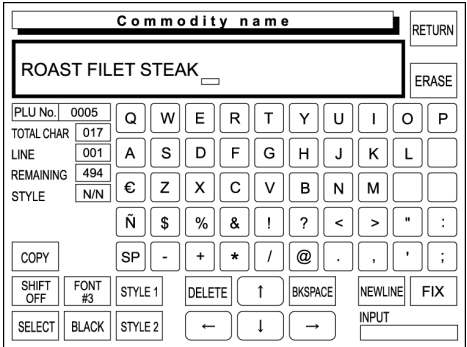


4.12.8 INSERTING CHARACTER

The following procedure is used to insert a character next to the right where the cursor is placed.

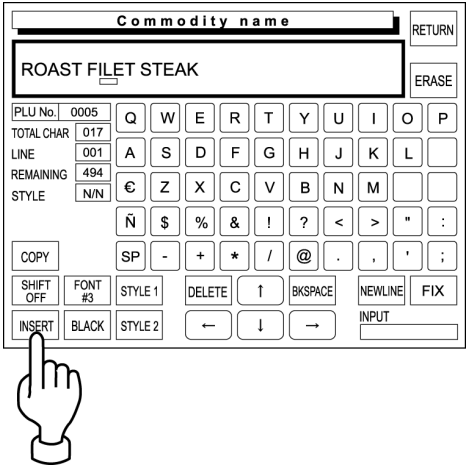
- 1. The displayed text is misspelled.

Example “Roast Filet Steak”



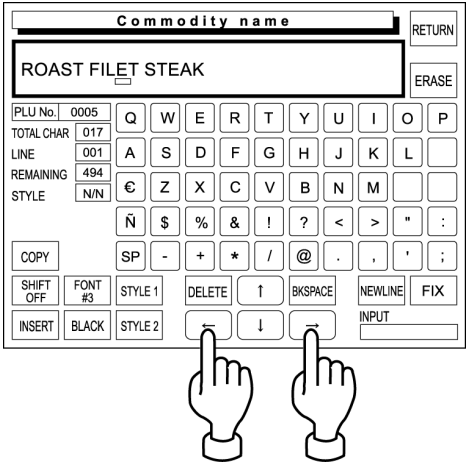
- 2. Confirm that [INSERT] is selected on the screen.

When not selected, touch [SELECT] to change the key display to [INSERT].



- 3. Move the cursor to the position where the character to be inserted.

Then, enter the character “L”.



4.12.9 COPYING ORIGINAL TEXT TO DESIGNATED FIELD

The following procedure is used to copy the original text to the text field of the designated file.

EXAMPLE

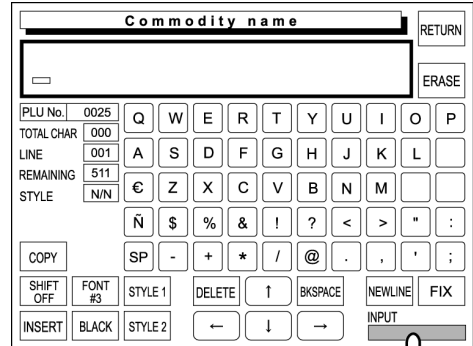
Copy the text “Roast Fillet Steak” of the PLU No.5 to the PLU No.25.

1. Confirm that the INPUT field is selected (yellow).

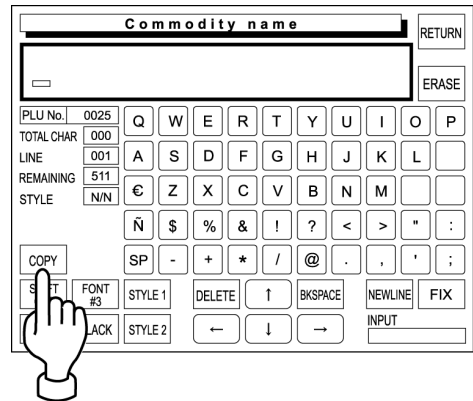
If not, touch the INPUT field first to declare that the numeric entry will be made.



Then, enter the desired PLU number and press the PLU key on the operating console to designate the PLU file to which the original text is copied.

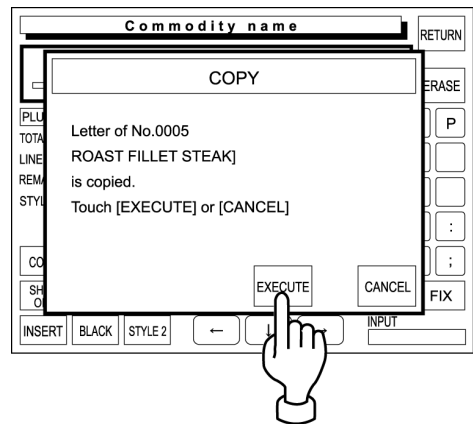


2. Enter the original PLU number using the numeric keys, and touch [COPY] on the screen.



3. The copy confirmation screen appears on the display.

Then, touch [EXECUTE] to copy the original text to the text field of the designated file.



4. The text "Roast Fillet Steak" of the PLU No.5 is copied to the text display field of the PLU No.25.

Commodity name										RETURN	
ROAST FILLET STEAK										ERASE	
PLU No.	0025	Q	W	E	R	T	Y	U	I	O	P
TOTAL CHAR	000	A	S	D	F	G	H	J	K	L	
LINE	001	€	Z	X	C	V	B	N	M		
REMAINING	511	Ñ	\$	%	&	!	?	<	>	"	:
STYLE	N/N	SP	-	+	*	/	@	.	,	'	;
COPY											
SHIFT OFF	FONT #3	STYLE 1	DELETE	↑	BKSPACE	NEWLINE	FIX				
INSERT	BLACK	STYLE 2	←	↓	→	INPUT					

5

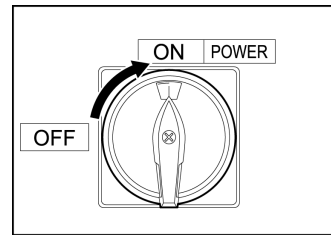
SETUP MODE

CONTENTS

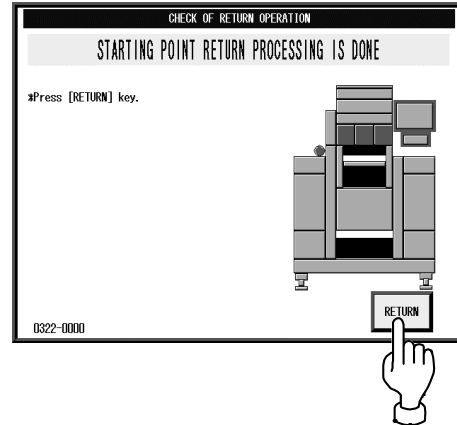
5.1	STARTING PROCEDURE	5-2
5.2	SETUP MENU	5-3
5.3	EXPIRY DATE SETTING	5-4
5.4	PASSWORD SETTING	5-6
5.5	WORD-WRAP WIDTH SETTING	5-7
5.6	REFERENCE DATA SETUP	5-8
5.7	TOTAL ADD SETTING	5-11

5.1 STARTING PROCEDURE

1. Turn ON the Main Power Switch.

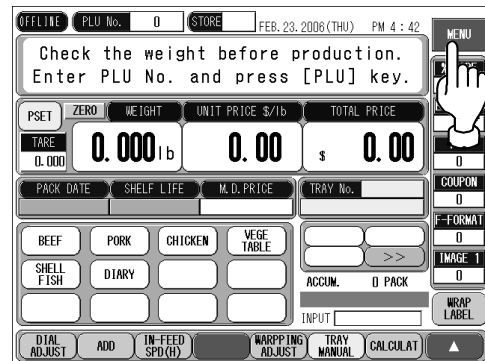


2. Press the [RETURN] button on the Check of Return Operation screen.



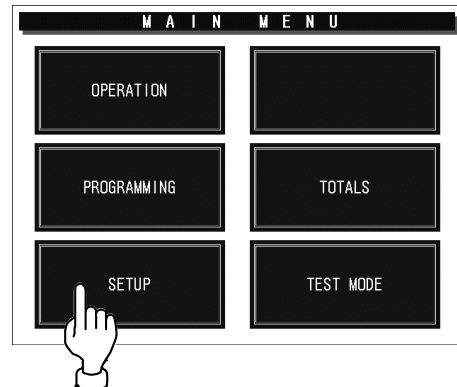
3. Wait until the initial screen appears.

Press the [MENU] button.

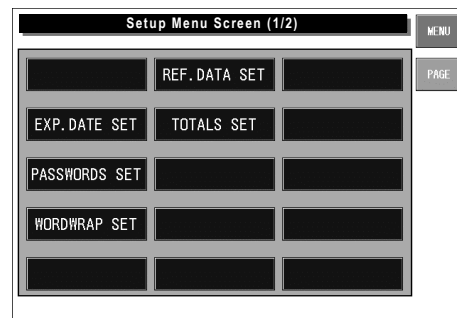


4. Main Menu screen is displayed.

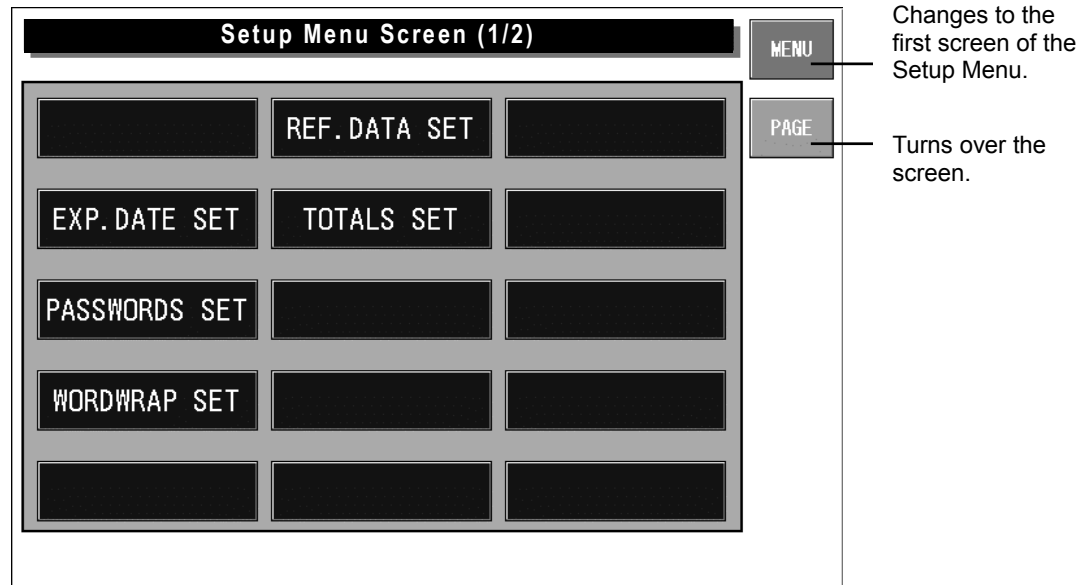
Press the [SETUP] button.



5. Setup Menu screen is displayed.



5.2 SETUP MENU



Setup Menu Screen

Display Fields	Function
Expiry Date Set	Changes to the Expiry Date Setting screen. Switching days for expiry date and text for each field can be set.
Password Set	Changes to the Password Setting screen. Each password can be set for entering Registration, Setup, Total, and Subtraction modes.
Word-wrap Set	Changes to the Word-wrap Width Setting screen. Word-wrap related data can be set.
Reference Data Set	Changes to the Reference Data Setup screen. Reference data can be set for a PLU in which "Refer" is selected in PLU registration.
Totals Set	Changes to the Total Add Setting screen. <ul style="list-style-type: none"> • Set whether or not to add the data to totals. • Set a maximum of 20 target PLUs to be added to hourly totals. • Set the weight data type (fixed weight, actual weight) when a fixed price PLU is added to totals.

5.3 EXPIRY DATE SETTING

EXPIRY DATE SETTING

1. Set the SWITCH DAYS.
The number of days set is BEFORE SWITCH.

2. If it's necessary to change BEFORE/AFTER SWITCH, and/or letters, choose one and then use the EDIT key to edit them.

SWITCH DAYS

5 DAY(S) SET

BEFORE SWITCH	SHELF LIFE	EDIT
AFTER SWITCH	SHELF LIFE	
PACK DATE	PACK DATE	

Changes to the first screen of the Setup Menu.

Expiry Date Setting Screen

LETTER NAME (BEFORE)

SHELF LIFE

PLU No.

TOTAL CHAR

LINE

REMAINING

STYLE

FONTSIZE

Q	W	E	R	T	Y	U	I	O	P
A	S	D	F	G	H	J	K	L	
Z	X	C	V	B	N	M			
\$	%	&	!	?	<	>	"	:	
SP	-	+	*	/	@	.	'	;	

COPY

SHIFT OFF

INSERT

LINE DELETE

FONT # 7

BLACK

STYLE 1

STYLE 2

DELETE

←

↑

↓

BKSPACE

→

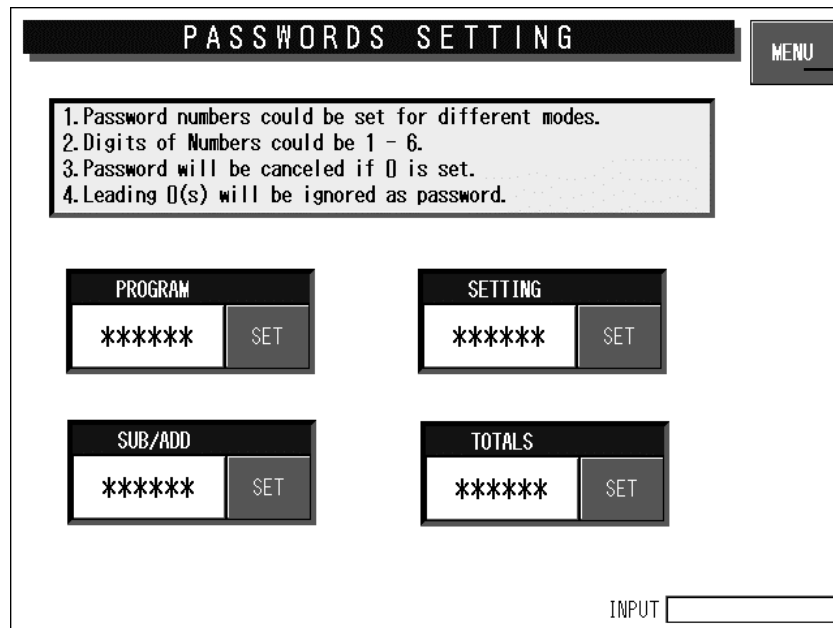
NEWLINE

FIX

Text Edit Screen

Display Fields	Function
Switch Days	Press the [SET] button after numeric entry to set the entered data as switching days. When the expiry days are same as or before the "Switch Days", the text in the "Before Switch" field is printed. When "0" is set in this field, switching does not happen and the text in the "Before Switch" field is printed.
Before Switch	Select the "Before Switch" field. Press the [EDIT] button to display the text edit screen.
After Switch	Select the "After Switch" field. Press the [EDIT] button to display the text edit screen.
Pack Date	Select the "Pack Date" field. Press the [EDIT] button to display the text edit screen.

5.4 PASSWORD SETTING



Changes to the first screen of the Setup Menu.

Password Setting Screen

Display field	Function
Password	Set the password data by pressing this button after 6-digit numeric entry. Enter "000000" and press this button to cancel the password.
Mode Selection Buttons	Press the desired button(s) to select the mode that requires password entry.

5.5 WORD-WRAP WIDTH SETTING

WORD WRAP WIDTH SETTING

Changes to the first screen of the Setup Menu.

1. Input number then push the "SET" button.
 2. Be sure to input a 3~4 digit number.
 Note: For 60mm and 64mm Set as 600.

PLU NAME
570 <input style="float: right;" type="button" value="SET"/>

EXTRA MSG2 WIDTH
200 <input style="float: right;" type="button" value="SET"/>

EXTRA MSG3 WIDTH
200 <input style="float: right;" type="button" value="SET"/>

EXTRA MSG2 PITCH
2 <input style="float: right;" type="button" value="SET"/>

EXTRA MSG3 PITCH
2 <input style="float: right;" type="button" value="SET"/>

INPUT

Word-wrap Width Setting Screen

Display Fields	Function
PLU Name	Enter a numeric value (1-9999) and press the [SET] button to set the value (unit: 0.1mm) as a word-wrap width value.
Extra Message Width	Enter a numeric value (1-9999) and press the [SET] button to set the value (unit: 0.1mm) as a word-wrap width value.
Extra Message Pitch	Enter a numeric value (1-99) and press the [SET] button to set the value (unit: 0.1mm) as a gap between characters.

5.6 REFERENCE DATA SETUP

REFERENCE DATA SETUP 1 / 2									
PACK DATE PRINT	YES	NO							
SELL BY DATE PRINT	YES	NO							
SHELF LIFE (days)	0								
USE BY DATE PRINT	YES	NO							
USE BY DATE (days)	0								
			PACK TIME PRINT	YES	NO				
			PACK TIME FLAG	Design	Clock				
			SB TIME PRINT	YES	NO				
			SB TIME FLAG	Design	Relate				
UNIT TYPE	oz	lb	kg	g	PC.	BOX	BUNDLE	PACK	CUT
	SLICE	CUP	PKT	BAG	BUNCH	BOTTLE	LB	NO PRN	
INPUT <input style="width: 100px;" type="text"/>									

MENU — Determines the settings and returns to the first screen of the Setup Menu.

PAGE — Turns over the screen.

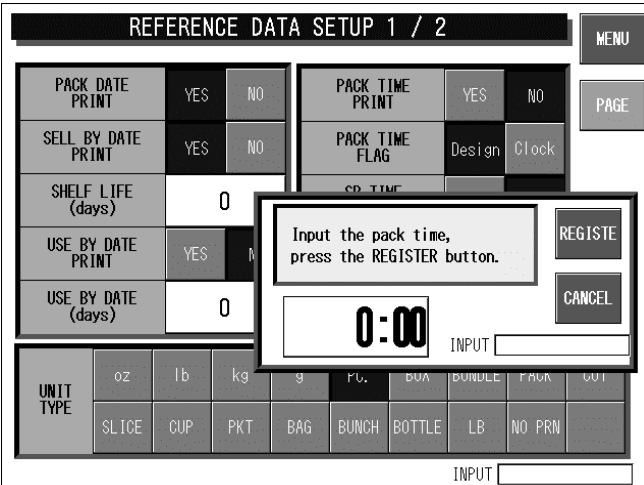
Reference Data Setup 1/2 Screen

REFERENCE DATA SETUP 2 / 2		
OPEN PRICE SELECT	ON	OFF
STANDARD TARE	0.000 lb	
LOGO #1	0	
LOGO #2	0	
LOGO #3	0	
SAFE HANDLING IMAGE No.	0	
INPUT <input style="width: 100px;" type="text"/>		

MENU

PAGE

Reference Data Setup 2/2 Screen

Display Fields	Function
Pack Date Print	Press "YES" or "NO" to set whether or not to print the Pack Date. This setting is effective only when "REFFER" is specified by the Pack Date Print setting in PLU registration.
Sell By Date Print	Press "YES" or "NO" to set whether or not to print the Sell By Date. This setting is effective only when "REFFER" is specified by the Sell By Date Print setting in PLU registration.
Shelf Life (days)	Set the number of days for the Shelf Life Date. This setting is effective only when "REFFER" is specified by the Shelf Life Date Print setting in PLU registration.
Use By Date Print	Press "YES" or "NO" to set whether or not to print the Use By Date. This setting is effective only when "REFFER" is specified by the Use By Date Print setting in PLU registration.
Use By Date (days)	Set the number of days for the Use By Date. This setting is effective only when "REFFER" is specified by the Use By Date print setting in PLU registration.
Pack Time Print	Press "YES" or "NO" to set whether or not to print the Pack Time. This setting is effective only when "REFFER" is specified by the Pack Time Print setting in PLU registration.
Pack Time Flag	Specify the pack time to be used. Clock: Use the system clock. Designated: Use the time designated on the following screen. 
Sell By Time Print	Press "YES" or "NO" to set whether or not to print the Pack Time. This setting is effective only when "REFFER" is specified by the Pack Time Print setting in PLU registration.
Sell By Time Flag	Not used.
Unit Type	Set the unit type for a fixed price item. This setting is effective only when "REFFER" is specified by the Unit Type setting in PLU registration.
Open Price Select	Select whether or not to allow price change in Normal Mode. This setting is effective only when "REFFER" is specified by the Open Price setting in PLU registration.
Standard Tare	Set the standard tray weight. This setting is effective only when "REFFER" is specified by the Forced Tare setting in PLU registration.

Display Fields	Function
Logo #1, #2, #3	Set the logo number. This setting is effective only when "REFER" is specified by the Logo setting in PLU registration.
Safe handling image number	Set the safe handling image number. This setting is effective only when "REFER" is specified by the Safe Handling Image setting in PLU registration.

5.7 TOTAL ADD SETTING

TOTAL ADD SETTING

* Select ADD or NON ADD for each totals.
 * Select the weight addition mode of fixed price PLU.
 * Press [SPECIFY] key to designate PLU for the total time zone is possible. (Designation screen is displayed.)
 * Daily Total Auto Clear: YES clears daily total when 1st power on

Daily Total

NON ADD
ADD

Accumulative Total

NON ADD
ADD

Time Zone Total

NON ADD
ADD

Tray Total

NON ADD
ADD

Daily Total Auto Clear

NO
YES

Fixed Pri PLU Weight Addition Mode

FIXED WEIGHT
REAL WEIGHT

MENU — Determines the settings and returns to the first screen of the Setup Menu.

ITEM SPECIFY — Displays the Time Zone Set For Individual PLU screen.

Total Add Setting Screen

TIME ZONE SET FOR INDIV. PLU

PLU LIST

000101	HAVARTI ↓ W/ DILL	▲
000103	CORNISH HEN ↓	▲
000104	CAPONES ↓	▼
000105	DUCK ↓	▼
000106	GOOSE ↓	▼
000107	TURKEY GIZZARDS ↓	▼

INDIVIDUAL PLU BY TIME ZONE

		▲
		▲
		▼
		▼
		▼
		▼

Press [ADD] key to register the selected PLU. INPUT

CONFIRM — Determines the settings and returns to the Total Add Setting Screen. Clears the existing Daily PLU Time Zone Total.

CANCEL — Cancels the settings and returns to the Total Add Setting Screen.

ADD — Add a commodity to target commodities by pressing this button after selecting the desired PLU or entering the PLU number.

DELETE — Delete a commodity from target commodities by pressing this button after selecting the PLU to be deleted.

Time Zone Set for Individual PLU Screen

Display Fields	Function
Daily Total	Select whether or not to add the data to Daily Total. This is not displayed at a slave machine in master/slave specification.
Accumulative Total	Select whether or not to add the data to Accumulative Total. This is not displayed at a slave machine in master/slave specification.
Time Zone Total	Select whether or not to add the data to Time Zone Total. This is not displayed at a slave machine in master/slave specification.
Tray Total	Select whether or not to add the data to Tray Total. This is not displayed at a slave machine in master/slave specification.
Daily Total Auto Clear	Select whether or not to clear Daily Total when turning off the machine. This is not displayed at a slave machine in master/slave specification.
Fixed Price PLU Weight Addition Mode	Select to add either "Fixed Weight" or "Real Weight" to the fixed price total.



Design and specifications are subject to change without notice.

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