

Operating Manual



You can help improve this manual by calling attention to errors and by recommending improvements. Please convey your comments to the nearest Ishida Company regional representative.

Thank you!

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SAFETY CONSIDERATIONS

To ensure safe operation, the general safety considerations below must be followed.

Grounding

This instrument is a Class 1 device which requires protective grounding for safe operation.

To avoid potential shock hazards, a protective grounding conductor for the instrument must be securely connected to the main grounding provision by qualified service personnel.

Do not remove covers or enclosures

To avoid personal injury and shock, do not open or remove any covers or enclosures of the instrument unless specified in the manual.

Do not perform unspecified maintenance

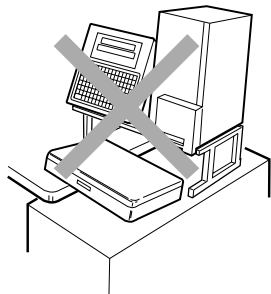
For your personal safety, do not perform any maintenance procedures which are not specified in the manual.

Disconnect power supply before servicing

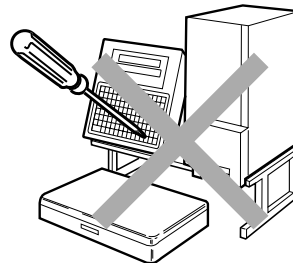
To ensure your personal safety, disconnect the power supply before servicing.



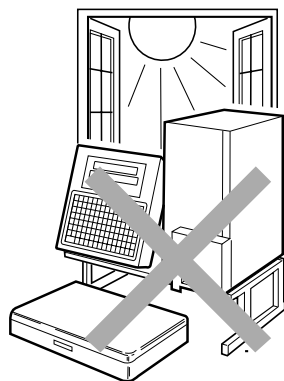
CAUTIONS FOR USE



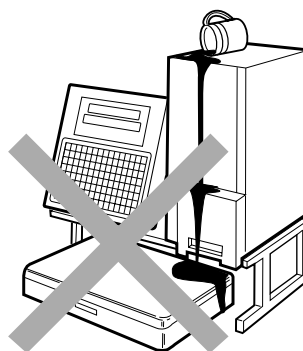
- s Always operate the scale on a level surface.



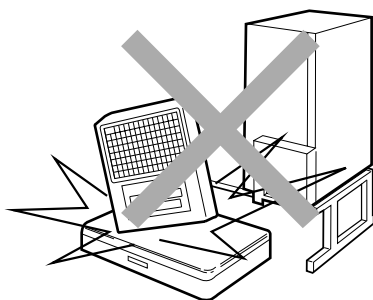
- s Do not disassemble the scale.



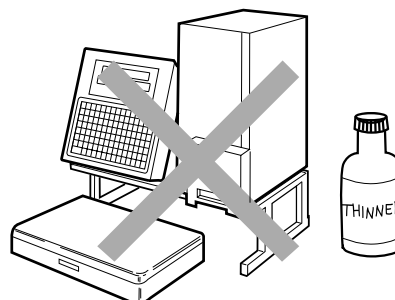
- s Do not expose the scale to direct sunlight for long periods.



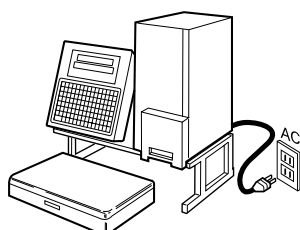
- s Do not allow any liquids to come into contact with the scale or terminal.



- s Do not drop or apply a strong shock to the scale.



- s When cleaning the scale, only use a soft dry cloth or a cloth wetted with a neutral cleanser. Never use thinner or other volatile liquids.



Always operate the scale with the same rated AC power supply shown on the specification plate.

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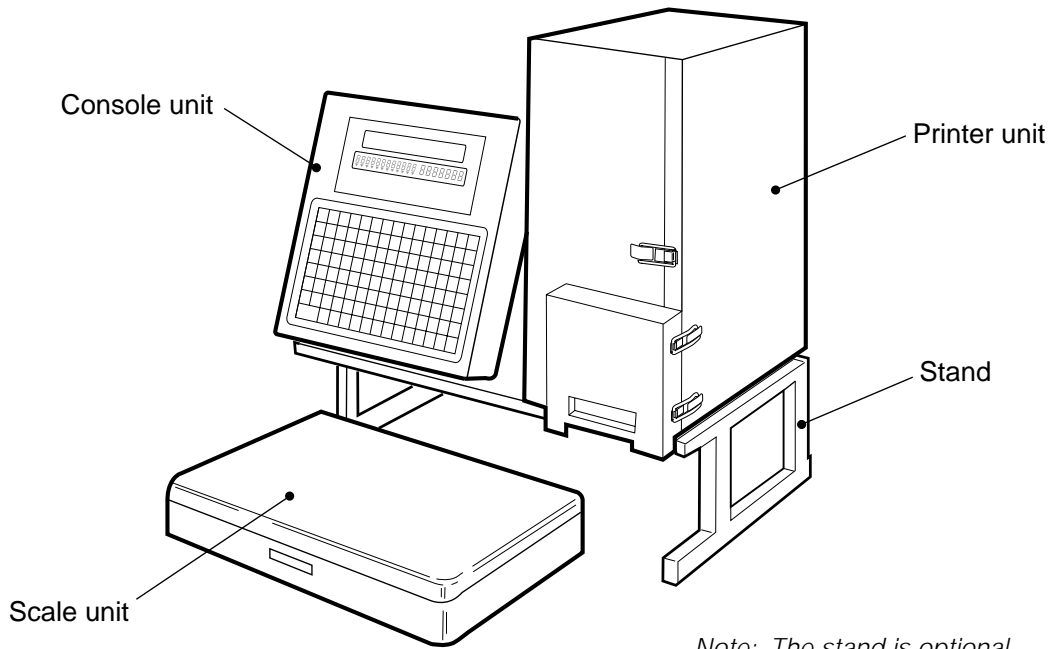
Chapter 1

OVERVIEW

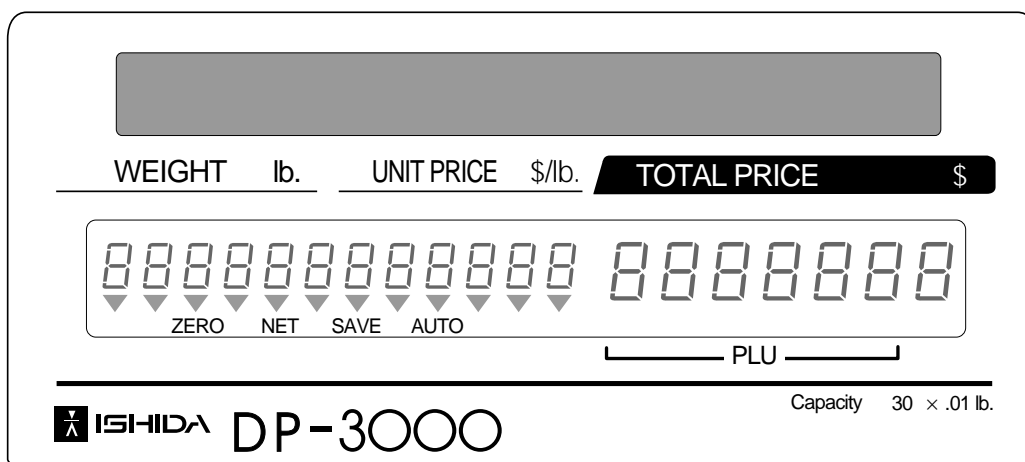
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1.1 Appearance



1.2 Display

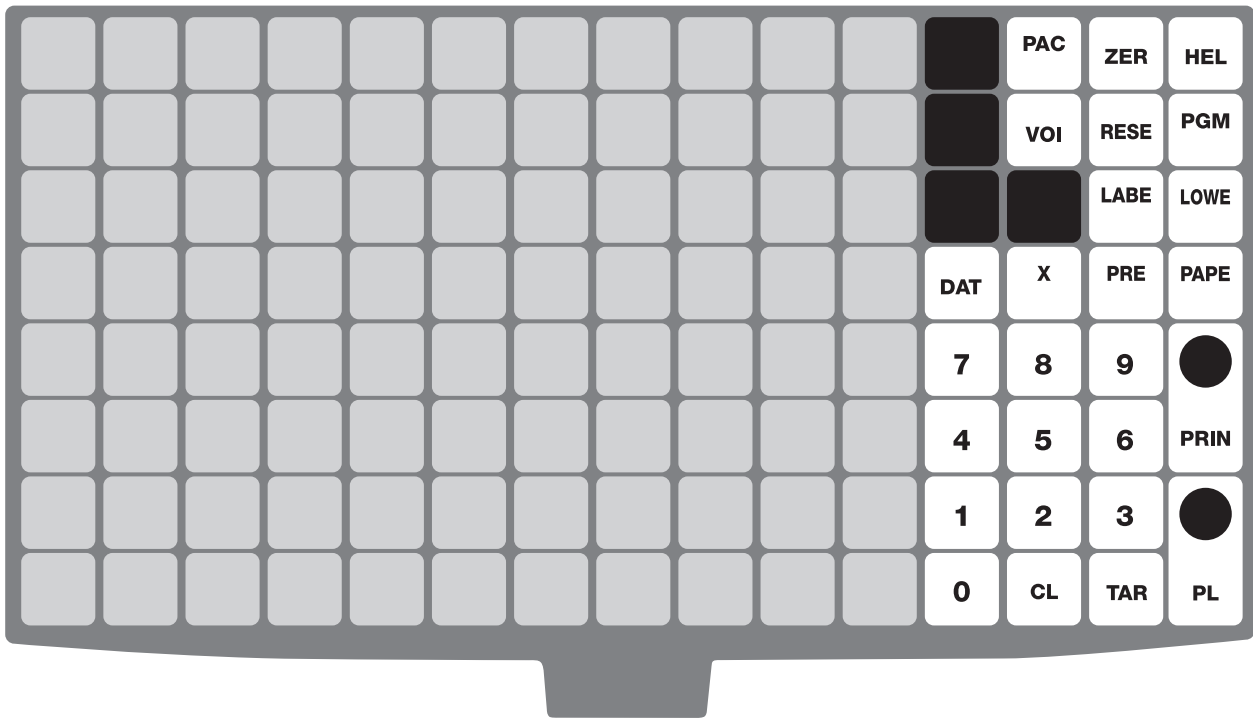


Indicators

- ZERO** : Lights when weight value is true zero or temporary zero.
- NET** : Lights when a tare is used.
- SAVE** : Lights when the SAVE mode is used.
- AUTO** : Lights when the AUTOMATIC PRINT (prepack) mode is used.

1.3 Operation Keys

1.3.1 Operation Key Sheet



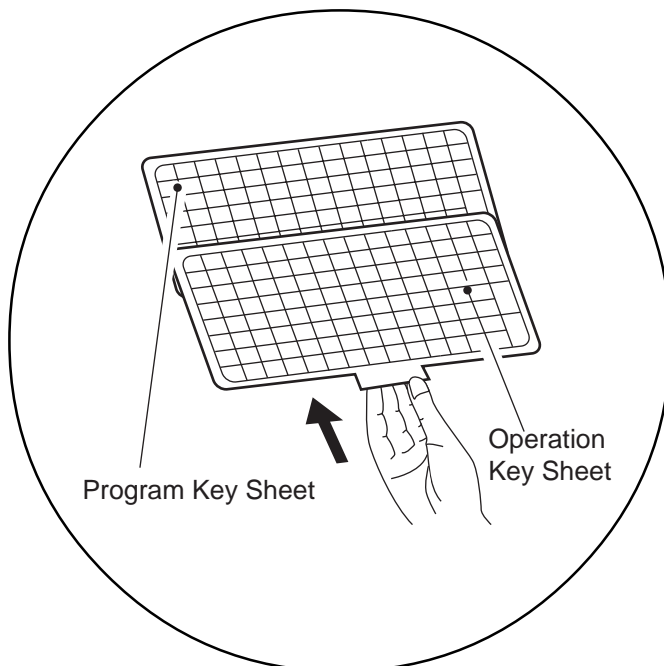
Preset Keys



Additional Function Keys

Four of the following options can be preset by the dealer in accordance with the customer's request.

- DATE/TIME display
- STORE NAME number
- LOGO number
- EXTRA TEXT number
- POP TEXT number
- COUPON TEXT number
- FIXED PRICE
- FIXED WEIGHT
- DISCOUNT
- AMOUNT DISCOUNT
- PERCENTAGE DISCOUNT
- LABEL SWITCH
- TARGET QUANTITY
- TARGET PRICE
- TARGET WEIGHT



Insert the Operation Key Sheet over the Program Key Sheet.

1.3.2 Basic Function Keys



NUMERIC ENTRY

Keys 0 through 9 are used to enter numeric data.

to



PREPACK

Used to switch between auto printing mode and the manual printing mode.



PRINT

Used to print labels/receipts.



CLEAR

Used to cancel incorrectly entered numeric data.



PROGRAM MODE

Used to access the program subtraction, and total modes after a 4-digit password has been entered. Also used to exit the entered mode.



LABEL BATCH

Used to issue batches of labels.



TARE

Used to subtract the tare weight from the total weight on the weigh platter.



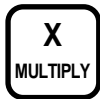
LOWER PRESET

Used to access the second level of data programmed to the preset keys.



TEMPORARY DATE

Used to change the current date of the scale temporarily. This allows labels to be produced ahead of time for prepacking items.



MULTIPLIER

Used to multiply the entered quantity of fixed-price items.



VOID

Used to cancel the previous label issued.



PACK COUNT SUB-TOTAL

Used to issue a label that shows the number of labels (packs), total weight and amount which have been printed since this key was last pressed.



ZERO ADJUSTMENT

Used to return the scale to zero. This key will only function if nothing is on the weigh platter. This change is effective until the next PLU is accessed.



PAPER FEED

Used to advance labels/receipts to the correct printing position.



HELP

Used to display an explanation (up to 32 letters) of each function key.



PLU SELECT
















Used to access PLU data. Also used to display the tare weight.



RESET

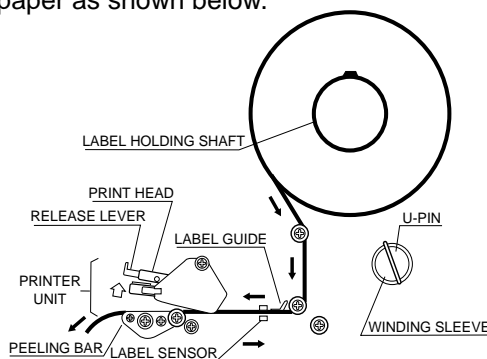
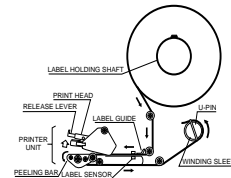
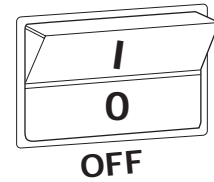
Used to forcibly exit a particular mode and return to the initial status of the normal mode.

1.3.3 Additional Function Keys

	<p>DATE/TIME Used to display the current date and time for a few seconds.</p>		<p>DISCOUNT Used to enter a special selling price.</p>
	<p>STORE NAME Used to access the store name corresponding to the entered number after the PLU has been accessed.</p>		<p>AMOUNT DISCOUNT Used to subtract the entered amount from the selling price.</p>
	<p>LOGO Used to access a logo message corresponding to the entered number after the PLU has been accessed.</p>		<p>PERCENTAGE DISCOUNT Used to subtract the entered percentage from the selling price.</p>
	<p>EXTRA TEXT Used to access an extra message corresponding to the entered number after the PLU has been accessed.</p>		<p>LABEL SWITCH Used to change the label format.</p>
	<p>POP TEXT Used to access the POP text corresponding to the entered number after the PLU has been accessed.</p>		<p>TARGET QUANTITY Used to preset a target quantity. After reaching the target quantity, a message informing that the target has been reached will be displayed.</p>
	<p>COUPON TEXT Used to access a coupon message corresponding to the entered number after the PLU has been accessed.</p>		<p>TARGET PRICE Used to preset a target price. After reaching the target price, a message informing that the target has been reached will be displayed.</p>
	<p>FIXED PRICE Used to temporarily change from weight item sales to fixed-price item sales. Also used to enter a new fixed price.</p>		<p>TARGET WEIGHT Used to preset a target weight. After reaching the target weight, a message informing that the target has been reached will be displayed.</p>
	<p>FIXED WEIGHT Used to temporarily change the fixed weight. Also used to enter the fixed weight.</p>		

1.4 Loading Label/Receipt Roll

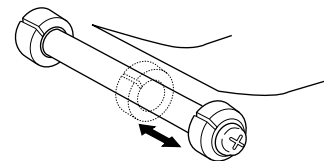
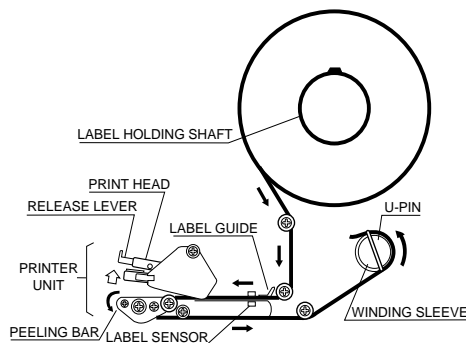
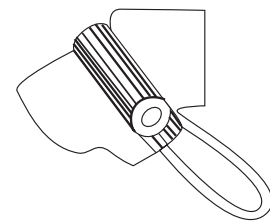
1. Make sure that the power is off.
2. Open the side cover of the printer unit.
3. Pull the release lever to raise the printer head.
4. Insert a new roll onto the label holding shaft.
5. When using the label roll, remove labels from the first 30 cm (12 inches) of backing paper.
6. Thread the label paper as shown below.



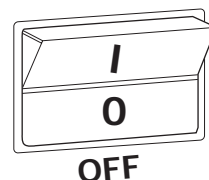
Check that the backing paper is:

- threaded properly under the label guide.
- threaded properly through the label sensor.
- threaded properly over the peeling bar, making sure it passes through the groove.

7. When the label/receipt needs to be wound up, wind the tip of the paper around the winding sleeve and fasten it with the U-pin.



8. Move the ring to adjust the guide shaft to the width of the label/receipt.
9. Push the printer head down until it locks securely.
10. Close the side cover of the printer unit.
11. Turn on the power and press the PAPER FEED key to advance the label/receipt to the correct printing position.



Chapter 2


DAILY OPERATION

Contents

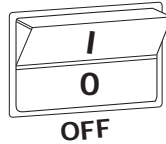
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2.1 Pre-operation Inspection

In order to maintain optimum scale performance, perform the following inspection before starting daily operations.

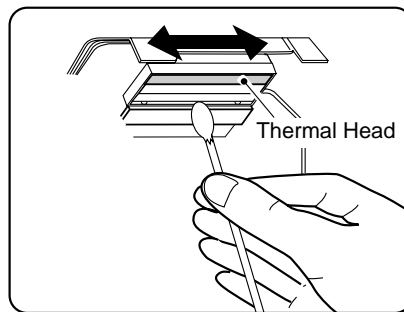
 Always turn off the power switch when performing this inspection.


1. Make sure that the power is off.



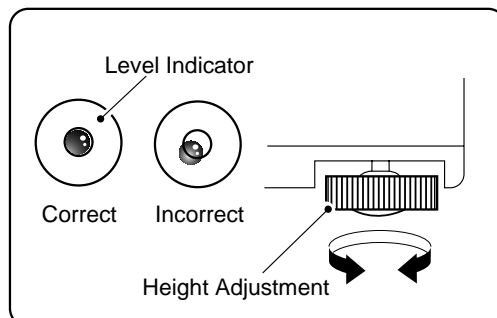
2. Check that the scale and the level device aperture are clean and free of foreign matter. If not, wipe any soiled areas with a dry cloth.

3. In order to maintain print quality, clean the thermal head at least once a week with a cotton swab dipped in cleaning fluid.





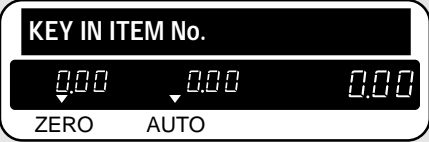


 Do not use metal tools to clean the thermal head as they may damage the head surface.

4. Adjust the scale to level by using the height adjustment feet.

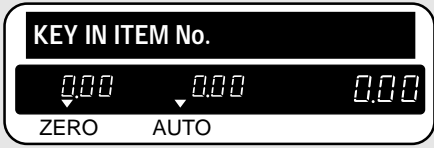
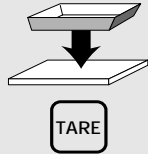





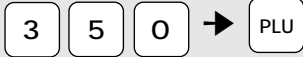





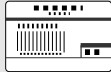


5. Make sure the label/receipt amount is sufficient.






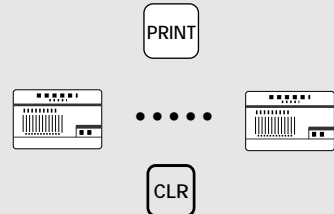
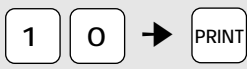

2.2 Power On

1 Turn on the power.	
2 Make sure that nothing is on the weigh platter.	
3 Check that the ZERO and AUTO indicators are lit.	
4 If the AUTO indicator is not lit, press the PREPACK key.	
5 If the ZERO indicator is not lit, press the ZERO key.	

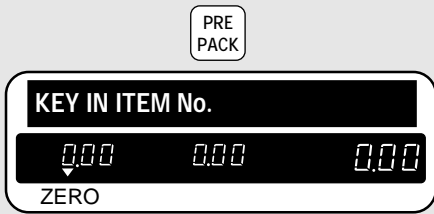
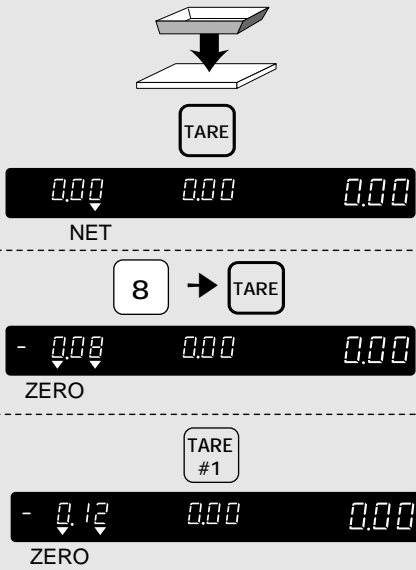
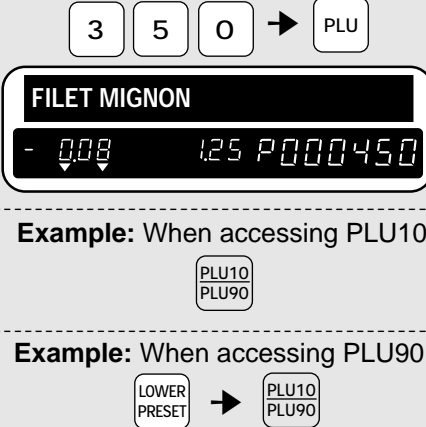


2.3 Prepack for Weighed Item

<p>1 Check that nothing is on the weigh platter.</p> <ul style="list-style-type: none"> • Check that the ZERO and AUTO indicators are lit. • If the AUTO indicator is not lit, press the PREPACK key. • If the ZERO indicator is not lit, press the ZERO key. 	
<p>2 Subtract the tare.</p> <p>► Weighing tare</p> <ul style="list-style-type: none"> • Place the tare on the weigh platter. The tare weight will be displayed. • Press the TARE key. The displayed value will return to zero, and the NET indicator will light. <p>► Fixed tare weight</p> <ul style="list-style-type: none"> • Enter the tare weight and press the TARE key. <p style="padding-left: 40px;">Example: Tare Weight = 0.08 lb.</p> <p>► Tare look-up key</p> <ul style="list-style-type: none"> • Press the Tare Look-Up (preset) key. <p style="padding-left: 40px;">Example: Tare Look Up #1 (0.12 lb.)</p>	  <hr/>   <hr/>  
<p>3 Enter the PLU.</p> <p>► PLU number entry</p> <ul style="list-style-type: none"> • Enter the PLU number and press the PLU key. <p style="padding-left: 40px;">Example: PLU no. = 350</p> <p>► PLU (preset) key</p> <ul style="list-style-type: none"> • Press the preset key in which the PLU item data is set. 	  <hr/> <p style="text-align: center;">Example: When accessing PLU10</p>  <hr/> <p style="text-align: center;">Example: When accessing PLU90</p> 
<p>4 Weigh the item.</p> <ul style="list-style-type: none"> • Place the item on the weigh platter. <ul style="list-style-type: none"> Example: Net weight = 8.60 lb. Unit price = \$2.20/lb. • The label is automatically printed. • Repeat this step until all the items are weighed. 	  

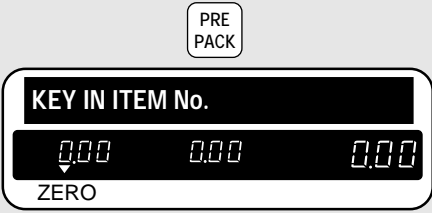



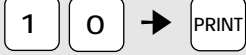
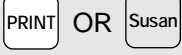
2.4 Prepack for Fixed-price Item

<p>1 Check that nothing is on the weigh platter.</p> <ul style="list-style-type: none"> • Check that the ZERO and AUTO indicators are lit. • If the AUTO indicator is not lit, press the PREPACK key. • If the ZERO indicator is not lit, press the ZERO key. 	
<p>2 Enter the PLU.</p> <p>➤ PLU number entry</p> <ul style="list-style-type: none"> • Enter the PLU number and press the PLU key. <p>Example: PLU No. = 450</p> <p>➤ PLU (preset) key</p> <ul style="list-style-type: none"> • Press the preset key in which the PLU item data is set. 	  <p>Example: When accessing PLU15</p>  <p>Example: When accessing PLU95</p> 
<p>3 Print labels.</p> <ul style="list-style-type: none"> • Press the PRINT key to continuously issue labels. • Press the CLEAR key to stop printing. <p>OR</p> <ul style="list-style-type: none"> • Enter the number of labels, and press the PRINT key. <p>Note: Press the CLEAR key once to temporarily stop printing. To continue printing, press the PRINT key again.</p>	<p>Example: Continuous issue</p>  <p>Example: Ten labels</p>  

2.5 Sales of Weighed Item

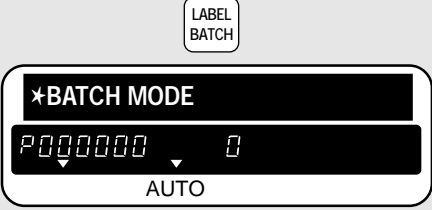



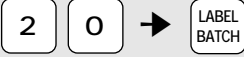

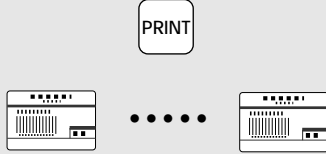
<p>1 Press the PREPACK key.</p> <ul style="list-style-type: none"> • Check that nothing is on the weigh platter. • Check that the ZERO indicator is lit. <i>Note: If the ZERO indicator is not lit, press the ZERO key.</i> • Check that the AUTO indicator is not lit. <i>Note: If the AUTO indicator is lit, press the PREPACK key again to turn off the indicator.</i> 	
<p>2 Subtract the tare.</p> <p>➤ Weighing tare</p> <ul style="list-style-type: none"> • Place the tare on the weigh platter. The tare weight will be displayed. • Press the TARE key. The displayed value will return to zero, and the NET indicator will light. <p>➤ Fixed tare weight</p> <ul style="list-style-type: none"> • Enter the tare weight and press the TARE key. <p style="padding-left: 40px;">Example: Tare Weight = 0.08 lb.</p> <p>➤ Tare look-up key</p> <ul style="list-style-type: none"> • Press the Tare Look-Up (preset) key. <p style="padding-left: 40px;">Example: Tare Look Up #1 (0.12 lb.)</p>	
<p>3 Enter the PLU.</p> <p>➤ PLU number entry</p> <ul style="list-style-type: none"> • Enter the PLU number and press the PLU key. <p style="padding-left: 40px;">Example: PLU no. = 350</p> <p>➤ PLU (preset) key</p> <ul style="list-style-type: none"> • Press the preset key in which the PLU item data is set. 	 <p style="padding-left: 40px;">Example: When accessing PLU10</p> <p style="padding-left: 40px;">Example: When accessing PLU90</p>
<p>4 Weigh the item.</p> <ul style="list-style-type: none"> • Place the item on the weigh platter. Example: Net weight = 8.60 lb. Unit price = \$2.20/lb. • The label is automatically printed. • Repeat this step until all the items are weighed. <p>Note: When the scale is in the manual print mode by pressing the PREPACK key, labels will only be issued when the PRINT or OPERATOR key is pressed.</p>	
<p>5 Issue labels.</p> <p>➤ Press the PRINT key.</p> <p>➤ Press the OPERATOR key when the operator system is used.</p>	

2.6 Sales of Fixed-price Item

<p>1 Press the PREPACK key.</p> <ul style="list-style-type: none"> • Check that nothing is on the weigh platter. • Check that the ZERO indicator is lit. <i>Note: If the ZERO indicator is not lit, press the ZERO key.</i> • Check that the AUTO indicator is not lit. <i>Note: If the AUTO indicator is lit, press the PREPACK key again to turn off the indicator.</i> 	 <p>The diagram shows a scale display with a 'PRE PACK' key above it. The display shows 'KEY IN ITEM No.' and three '0.00' digits. Below the digits, the word 'ZERO' is lit.</p>
<p>2 Enter the PLU.</p> <p>➤ PLU number entry</p> <ul style="list-style-type: none"> • Enter the PLU number and press the PLU key. <p>Example: PLU no. = 450 Fixed price = \$0.98</p> <p>➤ PLU (preset) key</p> <ul style="list-style-type: none"> • Press the preset key in which the PLU item data is set. 	 <p>The diagram shows the '4 5 0' keys and the 'PLU' key. The display shows 'SAUSAGE' and '0.98'.</p> <p>Example: When accessing PLU15</p>  <p>Example: When accessing PLU95</p> 
<p>3 Print the labels.</p> <p>➤ Enter the number of labels, and press the PRINT key.</p> <p>➤ Press the PRINT key or the OPERATOR key for one label to be issued.</p> <p><i>Note: Press the CLEAR key once to temporarily stop printing. To continue printing, press the PRINT key again.</i></p>	<p>Example: Ten labels</p>  <p>Example: One label</p> 

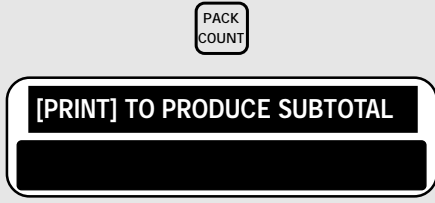


2.7 Label Batch Print

This function presets the number of fixed-price labels (for up to 20 items) to be printed. This function is only available for fixed-price items when in the AUTO mode.

<p>1 Enter the label batch print mode.</p> <ul style="list-style-type: none"> Press the LABEL BATCH key to enter the label batch print mode. 	
<p>2 Enter the PLU.</p> <p>► PLU number entry</p> <ul style="list-style-type: none"> Enter the PLU number and press the PLU key. <p>Example: PLU no. = 450 Fixed price = \$0.98</p> <p>► PLU (preset) key</p> <ul style="list-style-type: none"> Press the preset key in which the PLU item data is set. <p><i>Note: If the weighed item is entered, the beep will sound.</i></p>	 <p>Example: When accessing PLU15</p>  <p>Example: When accessing PLU95</p> 
<p>3 Enter the desired number of labels.</p> <ul style="list-style-type: none"> Enter the number of labels to be issued. (Max. 999) Press the LABEL BATCH key. 	<p>Example: Twenty labels</p>  
<p>4 Enter any other PLUs, if necessary.</p> <ul style="list-style-type: none"> Repeat steps 2 and 3 when labels for any other PLUs are needed. A maximum of 20 PLUs can be entered. 	
<p>5 Print labels.</p> <ul style="list-style-type: none"> Press the PRINT key. <p>Note: Press the CLEAR key once to temporarily stop printing. To continue printing, press the PRINT key again.</p>	

2.8 Pack Count Sub-total

This function is used to print labels for packing, including the total quantity, total weight and total sales amount which have been issued since the last time the PACK COUNT key was pressed.

<p>1 Enter the pack count sub-total mode.</p> <ul style="list-style-type: none">• Press the PACK COUNT key. <p><i>Note:</i> Press the CLEAR key to exit the pack count subtotal mode.</p>	 <p>The diagram shows a rectangular button labeled 'PACK COUNT' at the top. Below it is a screen displaying the text '[PRINT] TO PRODUCE SUBTOTAL' in a white box on a black background. Below the screen is a solid black horizontal bar.</p>
<p>2 Print the pack count sub-total.</p> <ul style="list-style-type: none">• Press the PRINT key.	 <p>The diagram shows a rectangular button labeled 'PRINT' at the top. Below it is a printer icon with a barcode on the output tray.</p>
<p>3 Return to the normal mode.</p> <ul style="list-style-type: none">• Press the CLEAR key to return to the normal mode.	 <p>The diagram shows a rectangular button labeled 'CLR'.</p>

2.9 Mark Down Functions

The following mark down options are available. Only one of these three options can be programmed for use.

- (1) Amount discount
- (2) Percentage discount
- (3) Special price

2.9.1 Amount Discount

<p>1 Enter the discount amount.</p> <p><i>Note: Discount amount must be less than displayed total price.</i></p> <ul style="list-style-type: none"> ➤ Discount amount entry <ul style="list-style-type: none"> • Enter the amount to be discounted and press the AMOUNT DISCOUNT key. ➤ AMOUNT DISCOUNT (preset) key <ul style="list-style-type: none"> • Press the PRESET key in which the amount discount data is set. 	<p>Example: Discount Amount = \$0.50</p> <p>5 0 → -\$</p> <hr style="border-top: 1px dashed black;"/> <p>\$ -0.50</p>
---	--

2.9.2 Percentage Discount


<p>1 Enter the discount percentage.</p> <p><i>Note: 1 to 99 percentage discount available.</i></p> <ul style="list-style-type: none"> ➤ Discount percentage entry <ul style="list-style-type: none"> • Enter the percentage to be discounted and press the PERCENTAGE DISCOUNT key. ➤ PERCENTAGE DISCOUNT (preset) key <ul style="list-style-type: none"> • Press the PRESET key in which the percentage discount data is set. 	<p>Example: Discount Percentage = 10%</p> <p>1 0 → -%</p> <hr style="border-top: 1px dashed black;"/> <p>-10%</p>
---	--

2.9.3 Special Price

<p>1 Enter the special price.</p> <ul style="list-style-type: none"> • Enter the special price and press the DISCOUNT key. <p><i>Note: Special price must be less than displayed total price.</i></p>	<p>Example: Special Price = \$4.50</p> <p>4 5 0 → DISCOUNT</p>
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2.10 Unit Price Override

This feature only functions for the weighed PLUs which are programmed to allow unit price override.

<p>1 Enter the desired unit price.</p> <p><i>Note 1: If the entered unit price is not accepted at this point, possibly the PLU has not been programmed to allow price override.</i></p> <p><i>2: A warning beep will sound when trying to override a unit price while an item is on the scale.</i></p>	<p>Example: \$3.50</p> <p>3 5 0</p>
<p>2 Place the item on the scale.</p>	

2.11 Voiding the Last Label

This function cancels the transaction of the previously printed label.

<p>1 Press the VOID key immediately after the label is issued.</p>	<p>VOID</p> <p>The following is displayed for a few seconds when Void is completed.</p> 
---	--

2.12 Switching Sales Mode

This function is used to switch the mode from the weighed item sales to the fixed-price item sales.

<p>1 Enter the fixed price.</p> <p><i>Note: Skip this step if the fixed price is the same as the preset unit price.</i></p>	<p>Example: Fixed Price = \$8.00</p> <p>8 0 0</p>
<p>2 Press the FIXED PRICE key.</p>	<p>FIXED PRICE</p>

2.13 Date Override

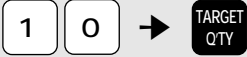
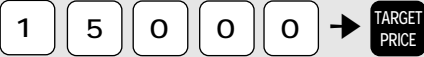



This function is used to temporarily change the current date, allowing labels to be produced ahead of time for prepacking items.

<p>1 Enter the six-digit date (MMDDYY) and press the DATE key.</p> <p><i>Note: The scale may be configured at installation to override the expire date instead of the current date.</i></p>	<p>Example: November 20, 1999</p> <p>1 1 2 0 9 9 → DATE</p>
--	--

2.14 Target Control

A target quantity, sales amount, or weight can be preset by using the TARGET QUANTITY, TARGET PRICE, or TARGET WEIGHT key. When the target is reached or exceeded, the scale will inform the operator that the target has been reached and operations will be suspended until a new target is set.

If more than one target is set, the first target to be reached will have priority over the other targets.

<p>1 Enter the target.</p> <ul style="list-style-type: none"> ➤ Enter the target quantity followed by the TARGET QUANTITY key. Example: Target quantity = 60 pcs. ➤ Enter the target price followed by the TARGET PRICE key. Example: Target price = \$150.00 ➤ Enter the target weight followed by the TARGET WEIGHT key. Example: Target weight = 20 lb. 	 <hr/>  <hr/> 
<p>2 When the target is reached.</p> <ul style="list-style-type: none"> ➤ As soon as the target is reached, the scale informs the operator the target has been reached. 	
<p>3 Press the CLEAR key to release the error condition.</p> <p><i>Note: At this point, set targets remain unchanged.</i></p>	

Chapter **3**

SUBTRACTION

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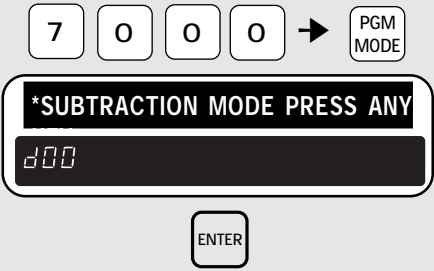
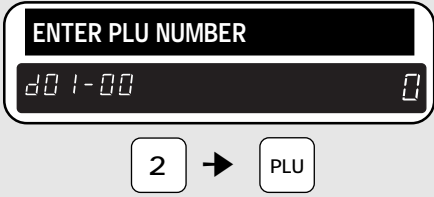
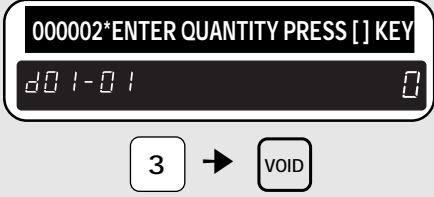

3.1 Subtraction Mode

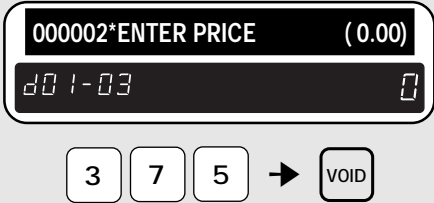

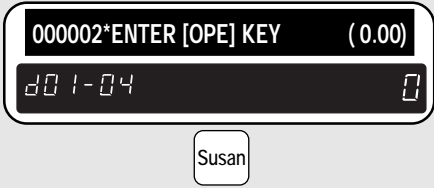
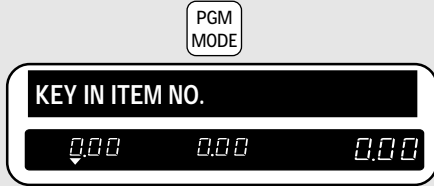
The subtraction mode is used to correct the running totals. The total s require correction if accurate reports are to be generated. Some examples of when correction the totals is necessary are listed below.

- a. product returned by customers
- b. incorrectly produced labels

The totals are subtracted from the running totals by a PLU number. The operators has to enter the product number, quantity, weight, and price. The best way to manage returns is to keep all incorrectly produced labels in one place and subtract each label in turn.

Note: Confirm that the Operation Key Sheet, not the Program Key Sheet is being used for this operation.

<p>1 Subtraction Mode</p> <ul style="list-style-type: none"> Enter the password followed by the PROGRAM MODE key to access the subtraction mode. Example: Password = 7000 Note: To exit the subtraction mode, press the PROGRAM MODE key again. Press the ENTER key. 	
<p>2 PLU Number</p> <ul style="list-style-type: none"> Enter the PLU number followed by the PLU key. <p>Example: PLU no. 2</p>	
<p>3 Quantity of Item</p> <ul style="list-style-type: none"> Enter the quantity of the item (label) to be subtracted, followed by the VOID key. <p>Example: Three (3) pcs.</p>	
<p>4 Weigh of Item</p> <ul style="list-style-type: none"> Enter the weight of the item (label) to be returned, followed by the VOID key. <p>Example: Five (5) pounds</p> <p>Note: If a mistake is made during entry, press the VOID key to display the previous screen with the mistake. The re-enter the correct data.</p>	

<p>5 Amount of Item</p> <ul style="list-style-type: none"> Enter the amount of the item (label) to be returned, followed by the VOID key. <p>Example: \$3.75</p> <p><i>Note: If a mistake is made during entry, press the VOID key to display the previous screen with the mistake. Then re-enter the correct data.</i></p>	
<p>6 Print</p> <ul style="list-style-type: none"> Press the PRINT key when not using the operator system <p>OR</p> <ul style="list-style-type: none"> Press the OPERATOR key when using the operator system. 	 <hr style="border-top: 1px dashed black;"/> 
<p>7 Repeat</p> <ul style="list-style-type: none"> Repeat steps 3 through 6 for any other items (labels) to be voided. 	
<p>8 Return to Operation Mode</p> <ul style="list-style-type: none"> Press the PROGRAM MODE key to return to the normal operation. 	

Chapter 4

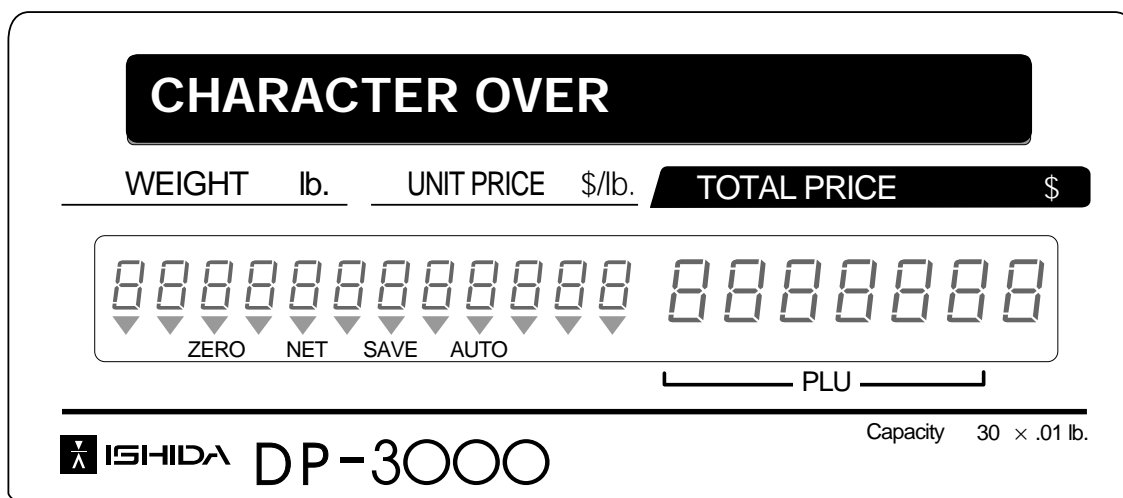
TROUBLESHOOTING

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4.1 Error Messages

When errors occur, use the error table below to ascertain the cause of the error and to recover normal operations.



Error Message

CHARACTER OVER
POP MESSAGE: OVER CHARACTER
AD MESSAGE: OVER CHARACTER
REG. CODE: OVER CHARACTER
STORE NAME/ADDR.: OVER CHARACTER
LABEL END
LABEL SIZE ERROR
EXCESS \$ ON SCALE ITEM
ETABLE STRUCTURE CORRUPTION
COUPON MESSAGE: OVER CHARACTER
SET THE TARGET PRESS [CL] KEY
MAX ITEM NUMBER OVERFLOW
SAME OPR. TOTALING ON MAC.
SAME OPR. PROCESSING ON OTHER
MEMORY NOT INITIAL SET
SYSTEM ERROR
E2ROM NOT INITIAL SET
NO POWER SCALE
REMOVE THE ITEM ON THE PLATTER
COMM. ERROR ON RESULT TRANSFER
MASTER CONNECTION ERROR
SYSTEM ERROR (CHECK CABLE)
SYSTEM ERROR (CHECK MASTER SCALE)
MASTER IS OFF-LINE
MEMORY AREA OVERFLOWED
ERROR ON COMM. CROSSOVER

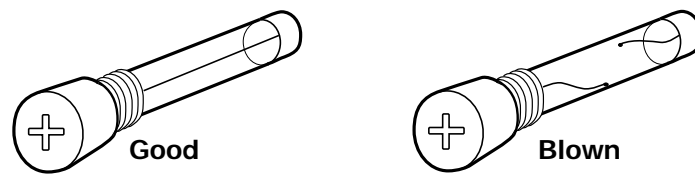
Error Contents

Too many characters have been entered.
POP messages has too many characters.
Advertisement message has too many characters.
Registered code has too many characters.
Store name and address has too many characters.
All labels have been used.
Improper label size is used.
The special price has been entered higher than the preset price.
Table structure has become corrupted.
Coupon message has too many characters.
Previous target has been reached.
The maximum number of items has been exceeded.
An operator performed sub-total operation on a different terminal.
An operator performed used a different terminal.
Memory has not been initialized.
A system error has occurred.
E2 ROM has not been initialized.
The scale is not properly connected.
An item is still on the platter.
Communication error occurred when transferring result data.
The master terminal is not properly connected.
System error involving the cable has occurred.
System error involving the master terminal has occurred.
The master terminal is not on-line.
Too much data is in the memory area.
A communication crossover error occurred.

4.2 How to Replace Fuse

If the display does not light when the power is on, this may indicate a problem with the fuse. Use the procedure below to check and replace the fuse.

- (1) Turn off the power.
- (2) Use a Phillips head screw driver to remove the fuse holder at the rear panel of the printer unit.
- (3) Check whether or not the fuse has blown.
- (4) If the fuse has blown, replace with the same type of fuse.



- (5) After replacing the fuse, return the fuse holder to the rear panel of the printer unit and secure.

4.3 How to Release Error Conditions

- If an error occurs for any reason, use the CLEAR key to release the error condition.
- If the scale should lock for any reason, use the RESET key to re-initialize the scale. (This operation produces the same effect as turning the power off and then restarting.)

4.4 Other Problems

- **Printing is too light.** The thermal head has become soiled. Use the attached cleaner to clean the printer head.
- **Labels are not printed as soon as an item is placed on the weigh platter.** The scale is set in the MANUAL mode. (AUTO indicator is not lit.)
- **Labels are not issued.** The printing position has slipped. Press the PAPER FEED key to align the paper with the correct printing position.



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