

Selecting Miscellaneous PLU's

Depending on your operation, you may need to use the Miscellaneous PLU Numbers and Softkeys to process a customer transaction. Typically, Miscellaneous PLU's are used for seasonal items, reduced price items, discounted items, or non-typical items.

Miscellaneous PLU Softkeys display on the **Run** Screen ONLY if there are no PLU's active and there are no Flashkeys configured for the scale.

Run: Wait on a customer		Production	ⓈⓂⓂ
Zero			Product Number
Product Number	.....	
Unit Price	..... \$ 0.00		
Tare	..... 0.00		Misc By Weight
Shelf Life	.....	
Sell By			Misc By Count
UPC	0 0 0 0 0		
Weight	0.00 lb		
Total Price			
To begin, enter PLU, Press ENTER			
.....			

(F4) Miscellaneous By Weight

To process a Miscellaneous By Weight PLU:

1. From the **Run** Screen, PRESS [F4] to select Miscellaneous By Weight. The Miscellaneous By Weight PLU Number is automatically loaded into the Product Number field.
2. You are now able to change any fields required to process the transaction and print a label.

Run: Wait on a customer		Production	ⓈⓂⓂ
Zero			Product Number
Product Number	9 9 9 9 9 1		
	Miscellaneous By Weight		lbs for Price
Unit Price	..... \$ 0.00		
Tare	..... 0.00		Tare
Shelf Life	.....	
Sell By	Jun 09, 95		Shelf Life
UPC	9 9 9 9 1		
Weight	0.00 lb		ⓈⓂⓂ
Total Price			Label Type
Place weight on scale and press PRINT.			
We i g h t			

(F5) Miscellaneous By Count

To process a Miscellaneous By Count PLU:

1. From the **Run** Screen, PRESS [F5] to select Miscellaneous By Count. The Miscellaneous By Count PLU Number is automatically loaded into the Product Number field.
2. You are now able to change any fields required to process the transaction and print a label.

Run: Wait on a customer	Production	0.00
Zero		
Product Number 9 9 9 9 9 0	Miscellaneous By Count	Product Number
Excep Price 0 . 0 0		
By Count 1		By Count
Shelf Life		
Sell By Jun 09, 95		Shelf Life
UPC 9 9 9 9 0		UPC
Total Price \$ 0.00		Label Type
Press PRINT to begin.		Total Price
Miscellaneous By		

Random Weight PLU's with Proportional Tare

Some items require two tare values - Fixed Tare and Proportional Tare. Fixed Tare is the weight of the packing material for which the customer does not pay. Typically, this is a tray or sack. On the other hand, Proportional Tare is the percentage of the total product weight that is the "wrapper" for the individual item. This value represents the proportion of tare material in comparison with the gross weight of the item (commodity).

A good example of an item that uses this tare configuration would be individually wrapped candy. If the Proportional Tare value for a specific individually wrapped type of candy is 14%, it means that for a gross weight of 1 pound, the total weight of individual wrappers is .14 pounds.

On the screen, you will notice these values represented as Tare and Total Tare. When you place the item on the scale for weighing, the Total Tare value changes to reflect the calculation of Proportional Tare. The Total Tare value is the sum of the Fixed Tare and Proportional Tare values.

Run: Wait on a customer		Production	#
Product Number	..... 2 0 0 5		Product Number
	CINNAMON CANDY		Unit Price
Unit Price	..... \$ 1.99		Tare
Tare	..... 0.02	Total Tare 0.05	Shelf Life
Shelf Life	..... 35		Net Weight
Sell By Sep 26, 95			0.65 lb
UPC	012369		Total Price
			\$ 1.29
Place weight on scale and press PRINT.			Label Type
CINNAMON CANDY			

 **Note**

For a more detailed explanation of Proportional Tare (Percentage Tare), refer to the Appendix.

Chapter Six: Weigh Types (Modes of Operation)

- ◆ Wait on a Customer Mode
 - Processing Random Weight PLU's
 - Processing By Count, Fixed Weight and Fluid Ounce PLU's
 - Voiding a Transaction
- ◆ PrePackaged Products Mode
 - Processing Random Weight PLU's
 - Processing Fixed Weight and Fluid Ounce PLU's
 - Processing Random Weight - By Count PLU's
 - Processing Fixed Weight - By Count and Fluid Ounce PLU's
- ◆ Print Multiple Labels Mode
 - Processing Fixed Weight and Fluid Ounce PLU's
 - Processing Random Weight PLU's
- ◆ Production Entry Mode
 - Processing Fixed Weight PLU's only
 - Processing Random Weight PLU's
 - Processing Fixed Weight and By Count PLU's
- ◆ Accumulate Items Mode
 - Processing Random Weight PLU's
 - Processing Fixed Weight and Fluid Ounce PLU's
- ◆ Verify Fixed Weight Mode
 - Processing Fixed Weight and Fluid Ounce PLU's
 - Processing Random Weight and By Count PLU's
- ◆ Forced Price
 - Random Weight PLU's
 - Random Weight – By Count PLU's
 - Fixed Weight PLU's
- ◆ Forced Tare
- ◆ Forced By Count
- ◆ Platter Tare

Weigh Types

The following section provides a look at the procedures for successfully weighing items and printing labels within each specific Weigh Type (mode of operation). These include:

- ◆ Wait on a Customer
- ◆ PrePackaged Products
- ◆ Print Multiple Labels
- ◆ Production Entry
- ◆ Accumulate Items
- ◆ Verify Fixed Weight

Wait on a Customer Mode

Wait on a Customer is the mode you will use most often. It allows you to simply weigh a product and print a label, or to just print a label for a by count or fixed weight item. Examples are service counters, such as -- produce, deli, fish counter or service meats. The following details how to weigh and print a label based on the PLU type.

Processing Random Weight PLU's

For Random Weight PLU's:

1. Enter your Operator ID (if required).
2. Enter the PLU number (Select Flashkey, Type PLU number or select from the On Screen Library).
3. Place the product on the platter for weighing.
4. PRESS [PRINT] to print a label. When you remove the product, it will automatically return to the *Flashkey* Screen if configured, to the *Start a Run* Screen if Operator IDs are required, or it clears the PLU field and remains on the *Run* Screen.



Note

Canadian Mode Only

If you are operating this scale in the Canadian Mode, Random Weight PLU's will be processed a little differently than the above description.

If you enter a PLU Number (with or without weight on the platter), you cannot clear that PLU from the system unless you print a label or remove the weight (product) from the scale platter. If you are using Flashkeys, the same applies except that the scale returns to the *Flashkey* Screen when it clears.

Processing By Count, Fixed Weight & Fluid Ounce PLU's

For By Count, Fixed Weight & Fluid Ounce PLU's:

1. Enter your Operator ID (if required).
2. Enter the PLU number (Select Flashkey, Type PLU number or select from the On Screen Library).
3. PRESS [PRINT] to print a label. It automatically returns to the *Flashkey* Screen if configured, to the *Start a Run* Screen if Operator IDs are required, or it clears the PLU field and remains on the *Run* Screen.



Note

- ◆ In the Wait on a Customer Mode, items sold as By Count and Fixed Weight products do not require a product (i.e., weight) on the platter to print a label.
- ◆ The platter weight must be at 0.00 lb. to enter a By-Count PLU.

Voiding a Transaction

QUICK STEPS

From the Run Screen:

1. PRESS [F1]
2. TYPE a PLU Number or PRESS [ESC]

After you process a PLU and print a label, for some reason you may need to void the transaction (i.e., customer changes mind, wrong PLU, etc.).

To void a transaction:

1. From the *Run* Screen (any mode of operation), PRESS [F1]. The last transaction you completed will be voided and the totals information removed from the database. Notice that the VOID key is grayed after the void takes place.
2. TYPE a PLU Number to begin another transaction or PRESS [ESC] to return to the *Flashkey* or *Start a Run* Screen.

PrePackaged Products Mode

The PrePackaged Products Mode allows several packages of the same product to be processed. This mode automatically prints one label (unless otherwise specified) for each item being weighed.

Processing Random Weight PLU's

QUICK STEPS

From the Start a Run Screen:

1. Enter your Operator ID
2. Enter the PLU Number
3. Place product on platter
4. Enter PLU or PRESS [HELP]
5. PRESS [ESC]

For Random Weight PLU's:

1. Enter your Operator ID (if required).
2. Enter the PLU number (Select Flashkey, Type PLU number or select from the On Screen Library).
3. Place the product on the platter for weighing. A label is automatically issued. When you remove the product, it remains on the **Run** Screen allowing you to process more packages of the same PLU.
4. You may change the PLU by entering the number in the Product Number block or PRESS [HELP] to access the **Flashkey** Screen or the On Screen Library if Flashkeys are not configured. (See Note)
5. When finished, PRESS [ESC] to return to the **Flashkey** Screen (if configured) or the **Start a Run** Screen.



Note

- ◆ From a **Flashkey** Screen, PRESS [HELP] to access the On Screen Library.
- ◆ When working in the PrePackaged Products Mode, you only have to enter your Operator ID one time. Once the ID has been entered, multiple products can be processed without re-entering your Operator ID.

Processing Fixed Weight & Fluid Ounce PLU's

QUICK STEPS

From the Start a Run Screen:

1. Enter your Operator ID
2. Enter the PLU Number
3. TYPE No. of Labels
4. PRESS [PRINT]
5. Remove label and apply

For Fixed Weight and Fluid Ounce PLU's:

1. Enter your Operator ID (if required).
2. Enter the PLU number (Select Flashkey, Type PLU number or select from the On Screen Library).
3. TYPE the number of labels required in the *Enter Label Count* block.
4. PRESS [PRINT] to print a label. The labels print one at a time.
5. Remove the label and apply to the package. If you do not remove the label in a timely manner, an audible beep will sound letting you know that you need to remove the label. When you take the last label, the scale automatically returns to the *Flashkey* Screen (if configured) or the *Start a Run* Screen.



Tip

If you need only one (1) label, PRESS [PRINT].

Processing By Count PLU's

QUICK STEPS

From the Start a Run Screen:

1. Enter your Operator ID
2. Enter the PLU Number
3. PRESS [PRINT]
4. TYPE a PLU Number or PRESS [HELP]
5. PRESS [ESC]

For Random Weight - By Count PLU's:

1. Enter your Operator ID (if required).
2. Enter the PLU number (Select Flashkey, Type PLU number or select from the On Screen Library).
3. PRESS [PRINT] to print a label. When you remove the product, it remains on the *Run* Screen allowing you to process more packages of the same PLU.
4. You may change the PLU by entering the number in the Product Number block or PRESS [HELP] to access the *Flashkey* Screen or the On Screen Library if Flashkeys are not configured.
5. When finished, PRESS [ESC] to return to the *Flashkey* Screen (if configured) or the *Start a Run* Screen.



Note

There *cannot* be any weight on the platter when you begin working with a Random Weight - By Count PLU.

Print Multiple Labels Mode

From this mode, you will generate a pre-determined number of fixed weight PLU labels.



Tip

You may want to set up your scale to stream labels (print labels without removing the backing paper from the label.) Refer to *Streaming Die-Cut Labels*, for information on loading labels to stream.

Processing Fixed Weight PLU's

(Fixed Weight/By Count and Fluid Ounce PLU's included)

QUICK STEPS

From the Start a Run Screen:

1. Enter your Operator ID
2. Enter a PLU Number
3. TYPE No. of Labels
4. PRESS [PRINT]

For Fixed Weight PLU's:

1. Enter your Operator ID (if required).
2. Enter the PLU number (Select Flashkey, Type PLU number or select from the On Screen Library).
3. TYPE the number of labels required in the *Enter Label Count* block.
4. PRESS [PRINT] to print the pre-determined number of labels. The labels print continuously until the run is complete.
5. When the last label is printed, the scale returns to the *Flashkey* Screen (if configured) or clears the PLU field and remains on the *Run* Screen.

Processing Random Weight PLU's

(Random Weight/By Count included)

QUICK STEPS

From the Start a Run Screen:

1. Enter your Operator ID
2. Enter the PLU Number
3. Place product on platter
4. Enter a PLU Number or PRESS [HELP]
5. PRESS [ESC]

For Random Weight PLU's:

1. Enter your Operator ID (if required).
2. Enter the PLU number (Select Flashkey, Type PLU number or select from the On Screen Library).
3. Place the product on the platter for weighing. A label is automatically issued. When you remove the product, it remains on the *Run* Screen allowing you to process more packages of the same PLU.
4. You may change the PLU by entering the number in the Product Number block or PRESS [HELP] to access the *Flashkey* Screen or the On Screen Library if Flashkeys are not configured.
5. When finished, PRESS [ESC] to return to the *Flashkey* Screen (if configured) or the *Start a Run* Screen.

**Note**

From a *Flashkey* Screen, PRESS [HELP] to access the On Screen Library.

Production Entry Mode

This mode enables you to enter several fixed weight PLU's and the number of labels you want to print for each. For example, Production Entry allows you to print 100 bread labels and 50 cupcake labels with one operation.

**Tip**

You may want to setup your scale to stream labels (print labels without removing the backing paper from the label). Refer to *Streaming Die-Cut Labels*, for information on loading labels to stream.

Processing Fixed Weight PLU's Only**QUICK STEPS****From the Start a Run Screen:**

1. Enter your Operator ID
2. Enter the PLU Number
3. TYPE No. of Labels
4. PRESS [▲]
5. Enter the PLU Number
6. TYPE No. of Labels
7. Repeat Steps 5 & 6 as needed
8. PRESS [PRINT]

For Fixed Weight PLU's only:

1. Enter your Operator ID (if required).
2. Enter the PLU number (Select Flashkey, Type PLU number or select from the On Screen Library).
3. TYPE the number of labels required in the *Enter Label Count* block.
4. PRESS the UP ARROW (▲) key to move to the Product Number block.
5. Enter the next PLU number (Select Flashkey, Type PLU number or select from the On Screen Library).
6. TYPE the number of labels required in the *Enter Label Count* block.
7. Repeat Steps 4 - 6 as needed.
8. When the last PLU has been entered, PRESS [PRINT] to begin the label run.
9. At the end of the run, the scale automatically returns to the *Start a Run* Screen.

Processing Random Weight PLU's

QUICK STEPS

From the Start a Run Screen:

1. Enter your Operator ID
2. Enter a PLU Number
3. Edit Fields as needed
4. TYPE a PLU Number
5. PRESS [PRINT]
6. Place Item on scale
7. PRESS [ESC]

If you use this mode to print Fixed Weight, By Count and Random Weight PLU's together, you will need to follow slightly different procedures to complete the label run.

1. Enter your Operator ID (if required).
2. Enter the PLU number (Select Flashkey, Type PLU number or select from the On Screen Library).
3. If desired, you can change any editable field by pressing the appropriate Softkey.
4. TYPE the next PLU Number in the Product Number field.
5. Once all the PLU numbers have been entered, PRESS [PRINT] to start the label run.
6. The printer will stop at every Random Weight and Random Weight - By Count entry, prompting you to place the item on the scale for weighing. A label is automatically generated for the item.
7. PRESS [ESC] to continue with the label run of Fixed Weight items.
8. At the end of the run, the scale automatically returns to the *Start a Run* Screen.



Tip

If you press [ESC] before pressing [PRINT] to run the labels, you will abort the run and be returned to the *Start a Run* Screen.

Processing Fixed Weight & By Count PLU's

QUICK STEPS

From the Start a Run Screen:

1. Enter your Operator ID
2. Enter a PLU Number
3. TYPE No. of Labels
4. TYPE the next PLU Number
5. PRESS [PRINT]
6. PRESS [ESC]

1. Enter your Operator ID (if required).
2. Enter the PLU number (Select Flashkey, Type PLU number or select from the On Screen Library).
3. If the PLU is a Fixed Weight, TYPE the number of labels required in the *Enter Label Count* block.
4. If the PLU is a Random Weight or By Count PLU, TYPE the next PLU Number in the Product Number field.
5. Once all the PLU numbers have been entered, PRESS [PRINT] to print a label.
6. PRESS [ESC] to continue with the label run of Fixed Weight items.
7. At the end of the run, the scale automatically returns to the *Start a Run* Screen.

Accumulate Items Mode

Accumulate items mode enables you to print one label or a series of labels for multiple PLUs. The scale can be configured to print either Item Total Labels or Itemized Receipts.

When configured, you can print a label for each product and/or an *Item Total Label* for all products. The Item Total Label contains only the grand total and barcode. Refer to the following examples.

CHEESE SOUP

Packed On Mar 10, 97		Sell By Mar 16, 97
Net Wt/Ct 0.60 lb	Unit Price \$2.99/lb	Total Price \$1.79

CHICKEN NOODLE SOUP


Packed On Mar 10, 97		Sell By Mar 12, 97
Net Wt/Ct 1.76 lb	Unit Price \$2.49/lb	Total Price \$4.38

Itemized Total


Items 2	Packed On Mar 10, 97	Total Price \$6.17
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Hobart Corporation
Troy, Ohio 45374


When configured you can print an *Itemized receipt* for all products entered. This receipt contains all products, a grand total and a barcode. Refer to the following examples.

STORE LOGO		
Net Wt/Ct	Unit Price	Total Price
CHICKEN SALAD SANDWICH 1		
1.16 lb	\$2.19/lb	\$2.54
CREAM OF BROCCOLI SOUP		
		\$1.08
PRETZEL MIX		
0.62 lb	\$1.99/lb	\$1.23
CHOCOLATE COOKIES		
3	For	\$0.99
Total Items	4	Hobart Corporation Troy, Ohio 45374 580
		Itemized Total \$5.84
2 4 2 2 9 5 3 0 5 8 4 6		

Itemized Receipt (2.25" X 3.0")

Hobart Corporation Troy, Ohio 45374		
Net Wt/Ct	Unit Price	Total Price
CHICKEN, BREAST		
1.00 lb	\$4.99/lb	\$4.99
HAM, BAKED		
1.00 lb	\$2.99/lb	\$2.99
HAM, BROWN SUGAR		
1.16 lb	\$3.65/lb	\$4.23
BEEF, CAJUN		
1.01 lb	\$4.65/lb	\$4.70
SUMMER SAUSAGE, BEEF 1		
1.02 lb	\$1.99/lb	\$2.03
SALAMI, DELI STICK		
1.16 lb	\$2.35/lb	\$2.73
LOAF, DUTCH		
1.00 lb	\$2.38/lb	\$2.38
LOAF, HAM & CHEESE		
1.08 lb	\$2.25/lb	\$2.43
LOAF, OLIVE		
1.00 lb	\$3.04/lb	\$3.04
Total Items	422	Itemized Total
9		\$29.52
		
2 4 2 2 9 5 5 2 9 5 2 5		

Itemized Receipt (1.5" X 5.0")

STORE LOGO		
Net Weight	Unit Price	Total Price
CHICKEN THIGHS (BBQ)		
0.92 lb	\$1.89/lb	\$1.74
ONION BAGELS		
6	For	\$1.89
HAM, BAKED		
1.16 lb	\$1.99/lb	\$2.31
DANISH BLUE		
		\$2.89
1.25 lb	\$0.76/lb	\$0.95
DIP, SPINACH		
1.25 lb	\$1.19/lb	\$1.49
SALSA (HOT)		
1.50 lb	\$1.25/lb	\$1.88
SALSA (MEDIUM)		
1.50 lb	\$1.25/lb	\$1.88
SALSA (MILD)		
1.50 lb	\$1.25/lb	\$1.88
PASTA, ANGEL HAIR		
1.25 lb	\$0.99/lb	\$1.23
CAESAR SALAD W/CHICKEN		
0.92 lb	\$4.68/lb	\$4.31
RICE SALAD		
1.46 lb	\$1.45/lb	\$2.12
EGGROLLS		
2.00 lb	\$2.09/lb	\$4.18
BEANS, BAKED 1		
2.00 lb	\$0.58/lb	\$1.16
MUSHROOMS 1		
1.00 lb	\$0.89/lb	\$0.89
ZUCCHINI 1		
1.75 lb	\$1.25/lb	\$2.19
ASIAGO		
0.30 lb	\$4.36/lb	\$1.31
PARMESAN		
0.75 lb	\$2.83/lb	\$2.12
GOUDA, IMPORTED		
0.25 lb	\$6.29/lb	\$1.57
LOAF, OLIVE		
0.50 lb	\$3.63/lb	\$1.82
LOAF, PEPPER		
0.50 lb	\$3.63/lb	\$1.82
BEEF, DRIED		
1.00 lb	\$1.98/lb	\$1.98
PATE 1 - RA		
0.25 lb	\$5.68/lb	\$1.42
Total Items	50	Hobart Corporation Troy, Ohio 45374 580
		Itemized Total \$98.00
2 4 2 2 9 5 6 9 8 0 0 0		

Itemized Receipt (Continuous X 2.25")



Note

The following table lists the available labels and range for itemized receipts.

Standard	Size	Range	Narrow	Size	Range
	2.375	1 - 2		3.0	1 - 4
	3.0	1 - 4		3.5	1 - 5
	4.5	1 - 6		5	1 - 9
	6	1 - 8		Continuous	1 - 100
	8	1 - 12			
	Continuous	1 - 100			

Processing Random Weight PLU's

(Includes By Count)

QUICK STEPS

From the Start a Run Screen:

1. Enter your Operator ID
2. Enter a PLU Number
3. Place Product on Scale
4. PRESS [PRINT]
5. Repeat Steps 2-4 until complete
6. PRESS [PRINT]
7. PRESS [ESC]

For Random Weight PLU's:

1. Enter your Operator ID (if required).
2. Enter the PLU number (Select Flashkey, Type PLU number or select from the On Screen Library).
3. Place the product on the scale for weighing.
4. PRESS [PRINT]. (If configured, an individual item ticket prints.)
5. Repeat Steps 2 -4 until complete.
6. When you are finished processing PLU's, PRESS [PRINT] to generate an Item Total Label or Itemized Receipt, depending on your configuration.
7. PRESS [ESC] until you return to the *Start a Run* Screen.



Note

If Flashkeys are configured, you will return to the *Flashkey* Screen between each PLU entry.

Processing Fixed Weight & Fluid Ounce PLU's

(Includes By Count)

QUICK STEPS

From the Start a Run Screen:

1. Enter your Operator ID
2. Enter a PLU Number
3. PRESS [PRINT]
4. Repeat Steps 2-3 until complete
5. PRESS [PRINT]
6. PRESS [ESC]

For Fixed Weight PLU's:

1. Enter your Operator ID (if required).
2. Enter the PLU number (Select Flashkey, Type PLU number or select from the On Screen Library).
3. PRESS [PRINT]. (If configured, an individual item ticket prints.)
4. Repeat Steps 2 -3 until complete.
5. When you are finished processing PLU's, PRESS [PRINT] to generate an Item Total Label or Itemized Receipt, depending on your configuration.
6. PRESS [ESC] until you return to the *Start a Run* Screen.



Tip

Before you print the Item Total Label or Itemized Receipt, you can review each of the items, deleting any as needed.

1. From the Accumulate Items Screen, PRESS [F1] to review the items in the list.
2. If you need to delete an item, PRESS [F1].
3. To exit the review, PRESS [ESC].



Note

Fixed Weight products or items sold By Count do not require weight on the platter to print a label.

Verify Fixed Weight Mode

From this mode, you can verify that a package weight is greater than or equal to the product's fixed weight. If the package does not weigh enough, a prompt alerts you and no label is printed.

Processing Fixed Weight PLU's

QUICK STEPS

From the Start a Run Screen:

1. Enter your Operator ID
2. Enter a PLU Number
3. Type No. of Labels
4. PRESS [PRINT]
5. Place package on scale
6. Place label on package
7. PRESS [ESC]

For Fixed Weight PLU's:

1. Enter your Operator ID (if required).
2. Enter the PLU number (Select Flashkey, Type PLU number or select from the On Screen Library).
3. TYPE the number of labels desired in the *Enter Label Count* box.
4. PRESS [ENTER].
5. Place the package on the platter for weighing.
6. If the package does not meet the minimum weight requirements, remove the package.
7. Place another package on the platter for weighing.
8. When the package meets the weight requirements, a label will automatically be generated. After the number of labels requested finish printing, the scale returns to the *Flashkey* Screen (if configured) or clears the PLU field and remains on the *Run* Screen.
9. PRESS [ESC] to return to the *Start a Run* Screen.

Processing Random Weight & By Count PLU's

For Random Weight or By Count PLU's:

1. Enter your Operator ID (if required).
2. Enter the PLU number (Select Flashkey, Type PLU number or select from the On Screen Library).
3. Place the product on the platter for weighing. A label is automatically generated. The scale remains on the *Run* Screen, allowing you to weigh additional packages with the same or different PLU.
4. PRESS [ESC] to return to the *Flashkey* Screen (if configured) or the *Start a Run* Screen.



Note

Fluid Ounce PLU's cannot be verified in the Fixed Weight Verify Mode. However, you can print a label for the item.

The following pages give you a complete explanation of how to work with PLU's that have been set up to require the operator to enter the price and/or tare value, or the by count quantity.

It also contains an explanation of how to enter Platter Tare.

Forced Price

Your Supervisor may have set up a PLU that requires you to enter the price of the item. For example, you may sell three grades of ground beef, all with a different price, but use the same PLU Number. When you enter the PLU Number, the scale will prompt you to enter the Unit Price or Total Price for the particular grade the customer wants.

The following explanation gives you details on using the Forced Price option.

Random Weight PLU's

1. Enter your Operator ID (if required).
2. Enter the PLU Number (Select Flashkey, Type PLU number or select from the On Screen Library). You are now on the **Run** Screen.
3. PRESS [ENTER] or [DOWN ARROW (▼)]. There is an audible beep and the cursor moves to the Unit Price field. You cannot do anything else until you enter a valid Unit Price.
4. TYPE the Unit Price.
5. PRESS [ENTER] or [DOWN ARROW (▼)]. The cursor then moves to the next active field, Product Number.
6. To complete the transaction, follow the steps for printing a label based on your mode of operation.

Run: Wait on a customer		Production	<input type="text"/>
Product Number	..... 6 2 5	FORCED PRICE PLU	<input type="text"/>
Unit Price	<input type="text"/>		<input type="text"/>
Tare			<input type="text"/>
Shelf Life	3		<input type="text"/>
Sell By	Jun 10, 95		<input type="text"/>
UPC	9 8 7 6 5		<input type="text"/>
Weight			<input type="text"/>
Total Price			<input type="text"/>
To continue, enter valid Price			<input type="text"/>
FORCED PRICE PLU			<input type="text"/>

**Random Weight – By Count
PLU's**

1. Enter your Operator ID (if required).
2. Enter the PLU Number (Select Flashkey, Type PLU number or select from the On Screen Library). You are now on the **Run** Screen.
3. PRESS [ENTER] or [DOWN ARROW (▼)]. There is an audible beep and the cursor moves to the Total Price field. You cannot do anything else until you enter a valid Total Price.
4. TYPE the Total Price.
5. PRESS [ENTER] or [DOWN ARROW (▼)]. The cursor then moves to the next active field, Product Number.
6. To complete the transaction, follow the steps for printing a label based on your mode of operation.

Run: Wait on a customer		Production	000
Product Number	6.2.6	FORCED PRICE BY COUNT	Product Number
		PLU (RM)	
Excep Price	0.99		
By Count	2		
Shelf Life	3		
Sell By Jun 10, 95			
UPC	01234		
Total Price	\$ 1.69		
To continue, enter valid Price			Total Price
<input type="text"/>			



Note

A UPC Number of 0, 6 or 7 will not allow Forced Price to be configured.

Fixed Weight PLU's

1. Enter your Operator ID (if required).
2. Enter the PLU Number (Select Flashkey, Type PLU number or select from the On Screen Library). You are now on the **Run** Screen.
3. PRESS [ENTER] or [DOWN ARROW (▼)]. There is an audible beep and the cursor moves to the Total Price field. You cannot do anything else until you enter a valid Total Price.
4. TYPE the Total Price.
5. PRESS [ENTER] or [DOWN ARROW (▼)]. The cursor then moves to the next active field, Product Number.
6. To complete the transaction, follow the steps for printing a label based on your mode of operation.

Run: Wait on a customer		Production	0000
Product Number	6 2 7	FORCED PRICE FIXED WT PLU	Product Number
Net Weight (Oz)	1.6		
By Count	1		
Shelf Life	3		
Sell By Jun 10, 95			
UPC	00000		
Net Weight	1 Lb 0 Oz		
Total Price	\$ 1.29		
To continue, enter valid Price			Total Price



Note

If you are operating in PrePackaged Products, Production Entry, Print Multiple Labels, or Verify Fixed Weight, you will be prompted to enter a label count after you type the Total Price and press Enter.

Forced Tare

For PLU's that require a tare value, the PLU can be set up to require you to enter a tare value. This feature might be used in a deli case where a customer may want Potato Salad and you have different size containers (i.e., 1/4 lb., 1/2 lb., etc.) and they all weigh differently. By using the Forced Tare option, only one PLU Number is required.

QUICK STEPS

From the Start a Run Screen:

1. Enter your Operator ID
4. Enter a PLU Number
5. PRESS [ENTER]
6. Type a Tare value
7. PRESS [ENTER].
5. Place package on scale
6. Place label on package
7. PRESS [ESC]

1. Enter your Operator ID (if required).
2. Enter the PLU Number (Select Flashkey, Type PLU number or select from the On Screen Library). You are now on the **Run** Screen.
3. PRESS [ENTER] or [DOWN ARROW (▼)]. There is an audible beep and the cursor moves to the Tare field. You cannot do anything else until you enter a valid Tare value.
4. TYPE the Tare value.
5. PRESS [ENTER] or [DOWN ARROW (▼)]. The cursor then moves to the next active field, Product Number.
6. To complete the transaction, follow the steps for printing a label based on your mode of operation.

Run: Wait on a customer	Production	0000
Product Number 6.2.8.		Product Number
FORCED TARE PLU		
Unit Price	\$ 3.99	
Tare	<input type="text"/>	Platter Tare
Shelf Life		
Sell By Jun 07, 95		
UPC	00000	
Weight		
Total Price		
To continue, enter valid Tare		
<input type="text" value="ORCED TARE PLU"/>		

Tip

A PLU can be set up to require Forced Price and Forced Tare. In the event this is the case, you will enter the Forced Price first, followed by Forced Tare.

Forced By Count

For PLU's that require a by count quantity, the PLU can be set up to require you to enter a by count quantity. This feature might be used if customers want a product in different quantities. By using the Forced By Count option, only one PLU Number is required.

QUICK STEPS

From the Start a Run Screen:

1. Enter your Operator ID
2. Enter a PLU Number
3. PRESS [ENTER]
4. Type By Count Quantity
5. PRESS [ENTER]
6. Place package on scale
7. Place label on package
8. PRESS [ESC]

1. Enter your Operator ID (if required).
2. Enter the PLU Number (Select Flashkey, Type PLU number or select from the On Screen Library). You are now on the **Run** Screen.
3. PRESS [ENTER] or [DOWN ARROW (▼)]. There is an audible beep and the cursor moves to the Forced By Count field. You cannot do anything else until you enter a valid By Count quantity.
4. TYPE the By Count quantity.
5. PRESS [ENTER] or [DOWN ARROW (▼)]. The cursor then moves to the next active field, Product Number.
6. To complete the transaction, follow the steps for printing a label based on your mode of operation.

Run: Wait on a customer	Production	Prod
Zero		Product Number
Product Number	1.	
Forced By Count	<input type="checkbox"/>	
Shelf Life	3	
Product Life	5	
Sell By ..Jan.09, 99...	Best Before ..Jan.11, 99...	
UPC	0 25 41	
Total Price	\$ 1.99	
To continue enter a valid By Count quantity		
<input type="text"/>		

Platter Tare

During the initial scale set-up, the scale may be configured for Platter Tare. This simply means that you can enter the Tare value by placing the "container" on the platter (when the cursor is on the Tare field) and pressing Enter or Down Arrow to accept the weight value.

The following explains how you enter the Platter Tare value.

QUICK STEPS

From the Start a Run Screen:

1. Enter your Operator ID
2. Enter a PLU Number
3. PRESS [ENTER]
4. Move the cursor to the Tare field.
5. PRESS [F4]
6. Place the container on the package
7. PRESS [ENTER]
8. Place package on scale
9. Place label on package
10. PRESS [ESC]

1. Enter your Operator ID (if required).
2. Enter the PLU Number (Select Flashkey, Type PLU number or select from the On Screen Library). You are now on the **Run** Screen.
3. PRESS [ENTER] or [DOWN ARROW (▼)].
4. Move the cursor to the Tare field by pressing the Arrow Keys or pressing the Tare Softkey.
5. When you are on the Tare field, the Softkey changes to "Platter Tare" or "Keyboard Tare." PRESS [F4] to select Platter Tare.
6. Place the container on the platter.
7. PRESS [ENTER] or [DOWN ARROW (▼)] to accept the Tare value. Notice that the field and Softkey now read "Tare."
8. To complete the transaction, follow the steps for printing a label based on your mode of operation.

Run: Wait on a customer	Production	000
Product Number	6.00	Product Number
	VEAL SHOULDER	Unit Price
Unit Price	\$ 2.99	Keyboard Tare
Platter Tare	0.02	Shelf Life
Shelf Life		000
Sell By Jun 07, 95		Label Type
UPC 00600		
Weight		
Total Price		
Place weight on scale and press PRINT.		

Chapter Seven: Temporary Override of Product Information

- ◆ **Overview**
- ◆ **By Random Weight**
 - **Changing the Label Type or Graphic**
- ◆ **By Count**
- ◆ **By Fixed Weight**
- ◆ **By Fluid Ounce**
- ◆ **Steps to Temporarily Override Product Information**

Temporary Override of Product Information

Temporary Override of Product Information is enabled through Scale Setup. The Supervisor designates the Operator's access to overriding product information at this time. While on the **Run** Screen, you can temporarily change the value of any of the fields listed next to the "F" Keys, unless they are grayed.

This section will provide you information on how to temporarily change product information for the following pricing types:

- ◆ By Random Weight
- ◆ By Count
- ◆ By Fixed Weight
- ◆ By Fluid Ounce



Look At This

All temporary or permanent changes to product information are recorded in the Supervisor Mode and listed by Operator ID (if configured).



Note

Depending on the pricing mode setup by your Supervisor, the options for changing the Unit Price may be as follows:

Pounds (Lbs.) for Pricing

- ◆ Unit Price
- ◆ "X" Lbs. for \$ _____

Fractional Pricing

- ◆ Unit Price
- ◆ 1/4 Lb. for \$ _____
- ◆ 1/2 Lb. for \$ _____

Fractional Pricing (Metric)

- ◆ Unit Price
- ◆ 100 grams (100g) for \$ _____



Note

If your Supervisor has configured the scale to show/print Frozen Shelf Life, you have the ability to choose whether you want to use the Frozen or Fresh Shelf Life. The screen appears as follows:

Run: Wait on a customer		Production		F1
Product Number	..... 9 9		Product Number	F2
	RANDOM WEIGHT		Unit Price	F3
	PLU		Tare	F4
Unit Price	..... \$ 3.99		Select Shelf Life	F5
Tare	..... 0.02		UPC	F6
Shelf Life	..... 3		Label Type	F7
Sell By	Jun 03, 95			F8
UPC	1 2 3 4 5			
Net Weight				
Total Price				
Place weight on scale and press PRINT.				
<input type="text"/>				

The Shelf Life field now displays either the Shelf Life or Frozen Shelf Life. To choose between the two, PRESS [F5] to select Shelf Life.

If Frozen Shelf Life is not configured, the Product Life field displays.

Run: Wait on a customer		Production	
Product Number	..... 9 9		Product Number
	RANDOM WEIGHT		Unit Price
	PLU		Tare
Unit Price	..... \$ 3.99		Shelf Life
Tare	..... 0.02		UPC
Shelf Life	..... 3		Label Type
Product Life	..... 6		
Sell By	Jun 03, 95	Best Before Jun 06, 95	
UPC	1 2 3 4 5		
Net Weight			
Total Price			
Place weight on scale and press PRINT.			
<input type="text"/>			

When the Product Life field exists, it is changed automatically by changing the Shelf Life (i.e., increase Shelf Life by 5, Product Life increases by 5 as well). The Shelf Life is unaffected by changes to Product Life.

The shelf life must be less than 500 days. If you enter more than 500 days, the Packed On Date will not be printed on the label in prepack modes, and the Sell By Date will not print on labels in non-prepack modes.

By Random Weight

An item priced *By Weight* will allow you to override:

- ◆ F3 - Unit Price/Lbs. for Price
- ◆ F4 - Tare
- ◆ F5 - Shelf Life/Select Shelf Life
- ◆ F7 - Label Type

Overriding *F5-Shelf Life* recalculates the Sell By Date, the Best Before Date and Product Life by the number of days that you indicate.

Overriding *F7-Label Type* allows you to change the Graphic and Label Type. The Appendix provides more specific information on the options for these changes. The next page provides step-by-step instructions on changing Label Type information.

Run: Wait on a customer	Production	ⓈⓈⓈ
Product Number 1 0 0	Top Loin Steak	Product Number
Unit Price \$ 5.39	Tare 0.02	lbs for Price
Shelf Life 2	Product Life 4	Tare
Sell By Jun 02, 95 Best Before Jun 04, 95	UPC 0 0 1 0 0	Shelf Life
Net Weight		ⓈⓈⓈ
Total Price		Label Type
Place weight on scale and press PRINT.		

 **Note**

The screen may vary depending on if the PLU has been configured with a Proportional Tare value greater than zero. Reference Chapter 5 for an explanation.

By Count

An item priced *By Count* will allow you to override:

- ◆ F4 - By Count
- ◆ F5 - Shelf Life
- ◆ F7 - Label Type
- ◆ F8 - Total Price

Overriding *F4-By Count* will recalculate the Total Price, using the Exception Price provided there is one. If there is no Exception Price entered for a PLU, the price will be calculated by the By Count Calculation Method set-up by your Supervisor. A complete explanation of the By Count Calculation Method is found in the Supervisor Manual.

Overriding *F5-Shelf Life* recalculates the Sell By Date, the Best Before Date and Product Life by the number of days that you indicate. (See Note on Page 7-3)

Overriding *F7-Label Type* allows you to change the Graphic and Label Type. The Appendix provides more specific information on the options for these changes.

Overriding *F8-Total Price* allows you to change the dollar amount being charged for the product.

Run: Wait on a customer	Production	Prod
Product Number 2 0 0 3	BAKING POTATO	Product Number
Excep Price 0 . 3 9		
By Count 5		By Count
Shelf Life 3		Shelf Life
Product Life 6		UPC
Sell By Jun 03, 95 Best Before Jun 06, 95		
UPC 3 5 6 8 9		
Total Price \$ 1.00		Label Type
Press PRINT to begin.		Total Price

By Fixed Weight

An item sold *By Fixed Weight* (with an UPC Number of 2 or 4) will allow you to override:

- ◆ F3 - Net Weight (Oz.)
- ◆ F4 - By Count
- ◆ F5 - Shelf Life
- ◆ F7 - Label Type
- ◆ F8 - Total Price

Overriding *F3-Net Weight (Oz.)* allows you to change the number of ounces being sold for the total price.

Overriding *F4-By Count* allows you to change the quantity of the item being sold for the total price.

Overriding *F5-Shelf Life* recalculates the Sell By Date, the Best Before Date and Product Life by the number of days that you indicate. (See Note on Page 7-3)

Overriding *F7-Label Type* allows you to change the Graphic and Label Type. The Appendix provides more specific information on the options for these changes.

Overriding *F8-Total Price* allows you to change the dollar amount being charged for the product.

Run: Wait on a customer	Production	Ⓢ
Product Number 7.5.4.	ITALIAN BREAD	Product Number
Net Weight (Oz) 1.4		Net Weight (Oz)
By Count 1		By Count
Shelf Life 2		Shelf Life
Product Life 1		Shelf Life
Sell By Jun 02, 95 Best Before Jun 02, 95		Shelf Life
UPC 00754		UPC
Net Weight 0 Lb 14 Oz		UPC
Total Price \$ 1.09		Label Type
Press PRINT to begin.		Total Price



Note

Fixed Weight products do not use the scale weight to calculate Total Price or Net Weight.



Note

If the UPC Numbering System for a Fixed Weight PLU equals 0, 6 or 7, you will not be able to edit any of the fields that affect the price (i.e., Net Weight [Oz.], By Count or Total Price).

By Fluid Ounce

An item priced *By Fluid Ounce* (with an UPC Number of 2 or 4) will allow you to override:

- ◆ F3 - Volume (Fluid Oz.)
- ◆ F4 - By Count
- ◆ F5 - Shelf Life
- ◆ F7 - Label Type
- ◆ F8 - Total Price

Overriding *F3-Volume (Fluid Oz.)* allows you to change the number of liquid ounces being sold for the total price.

Overriding *F4-By Count* allows you to change the quantity of the item being sold for the total price.

Overriding *F5-Shelf Life* recalculates the Sell By Date, the Best Before Date and Product Life by the number of days that you indicate. (See Note on Page 7-3)

Overriding *F7-Label Type* allows you to change the Graphic and Label Type. The Appendix provides more specific information on the options for these changes.

Overriding *F8-Total Price* allows you to change the dollar amount being charged for the product.

Run: Wait on a customer		Production	000
Product Number	<u>9.9</u>	FRESH-SQUEEZED ORANGE JUICE	Product Number
Volume (Fl Oz)	..... 3.2		Volume (Fluid Oz)
By Count	..... 1.0		By Count
Shelf Life	..... 2		Shelf Life
Sell By Jun 30, 95			UPC
UPC	00000		Label Type
Volume	0 Gal 32 Fl Oz		Total Price
Total Price	\$ 2.59		
To exit, Press ESCAPE			
SQUEEZED		ORANGE JU	

**Note**

If the UPC Numbering System for a Fluid Ounce PLU equals 0, 6 or 7, you will not be able to edit any of the fields that affect the price (i.e., Volume [Fluid Oz.], By Count or Total Price).

Steps to Temporarily Override Product Information

Once you've determined the fields that can be or need to be changed:

1. Move the cursor to the field you want to change.
2. TYPE the temporary value(s).
3. When the label is generated, the new values will be printed.
4. The changes will revert to their original value when you complete the run by entering a new PLU or pressing [ESC].

Chapter Eight: Cleaning Instructions

- ◆ Cleaning the Exterior of the Scale
- ◆ Cleaning the Printhead



Look At This

Do not dampen labels, electronic parts, or connections. Do not allow water to enter the openings in the housing. This could damage the scale system.

Cleaning the Exterior of Scale

Carefully clean the exterior of the Quantum Scale System with a clean sponge or cloth and a warm water and detergent solution (i.e., Palmolive green or Ivory liquid dishwashing detergents).

Cleaning the Printhead

The *Printhead* should be cleaned approximately once each week, or whenever unclear labels are printed. To obtain a Printhead Cleaning Kit, contact your local Hobart office; request Part Number 00-184326. Follow the instructions found in the kit for cleaning the printhead.



Look At This

Do not use a metal tool on the printhead. This could scratch or break the printhead. In addition, labels should not become stuck on machine parts. If they do become stuck, remove the labels at once following the instructions in the Printhead Cleaning Kit.

Chapter Nine: Troubleshooting

Troubleshooting

In the unlikely event your Quantum Scale System does not operate as expected, please read through the following troubleshooting steps before calling for service.

Problem	Suggestion
Press POWER Key -- No Response From Scale	<ol style="list-style-type: none"> 1. Check to see that scale is plugged in. 2. Check other scales in department to see if they have power. 3. Press the Reset Button. 4. Call for service.
<i>Scale Warm-Up</i> Message Won't Go Away	<ol style="list-style-type: none"> 1. Make sure Scale Platter is properly seated. 2. Make sure Scale Platter is clear of product. 3. Check to see that scale is sitting on a stable surface. 4. Call for service.
System Error Matrix Message	<ol style="list-style-type: none"> 1. Call for service
Operator ID Not Accepted	<ol style="list-style-type: none"> 1. Verify that you are entering the proper ID. 2. Have Supervisor check the ID number entered.
System Won't Accept Date & Time	<ol style="list-style-type: none"> 1. Verify that you are entering a valid Date & Time.
Press [REZERO] And Scales Says "Outside Zero Maintenance"	<ol style="list-style-type: none"> 1. PRESS [ESC] and [POWER] to turn power OFF. 2. Make sure the Scale Platter is seated properly. 3. Make sure nothing is pushing against the Scale Platter or Weigher. 4. PRESS [POWER] to turn power ON. 5. If the scale still doesn't rezero, PRESS the Reset Button. 6. If Reset doesn't clear the problem, call for service.

Troubleshooting Continued...

Problem	Suggestion
Gross Negative Weight Displayed on Screen (-----)	<ol style="list-style-type: none"> 1. Make sure Scale Platter is clear. 2. Make sure Scale Platter is properly seated. 3. PRESS [REZERO]. 4. PRESS [POWER] to turn scale ON/OFF. 5. Press the Reset Button. 6. Call for service.
Over Gross Weight Displayed on Screen	<ol style="list-style-type: none"> 1. Make sure Scale Platter is clear. 2. Make sure Scale Platter is properly seated. 3. PRESS [REZERO]. 4. PRESS [POWER] to turn scale ON/OFF. 5. Press the Reset Button. 6. Call for service.
PLU Not Found	<ol style="list-style-type: none"> 1. Check PLU Number. 2. Call Supervisor to check PLU information.
Primary Label Message	<ol style="list-style-type: none"> 1. Check to see that labels are loaded correctly. 2. Check to see that the cassette is properly engaged.
System Prompts You To Take Label And No Label Is Present	<ol style="list-style-type: none"> 1. Make sure that the Label exit is clear.
Partial Non-Printed Label Is Exposed Near Label Cassette Opening	<ol style="list-style-type: none"> 1. Remove the Label Cassette and check to see that the labels are properly threaded. Re-insert the cassette when done. 2. If problem persists, call for service.
Out of Labels Message	<ol style="list-style-type: none"> 1. Remove the Label Cassette and check to see that if labels are out. 2. Load new labels. 3. Re-insert the cassette when done.

Troubleshooting Continued...

Problem	Suggestion
Scale Prints Two (2) Identical Labels for Every Item	1. Ask Supervisor to check Secondary Label Type.
Scale Prints Blank Labels or Partially Printed Labels	<ol style="list-style-type: none">1. Check to see that labels are threaded properly.2. Check to see that the Label Cassette is properly engaged.3. Clean the Printhead with Hobart Printhead Cleaning Kit -- Part No. 00-184326. DO NOT USE A KNIFE!!!4. If problem persists, call for service.
Bad Beep While on a Screen with a Forced Tare or Price Field	<ol style="list-style-type: none">1. Cursor will jump to "Forced" field.2. Enter data into Forced Field.

Appendix

- ◆ **Creating Macros (Using the Save/Recall Key)**
- ◆ **Percentage Tare (Proportional Tare)**
- ◆ **Working with Labels**
- ◆ **Label Stock Styles**
- ◆ **Label Types**
- ◆ **Standard Labels by Family**
- ◆ **Standard Labels by Size**
- ◆ **Narrow Labels**
- ◆ **Custom Labels**
- ◆ **Graphics**
- ◆ **Glossary of Common Terms**

Creating Macros (Using the Save/Recall Key)

In order to speed your operation of the scale, you can create macros by recording in advance, commonly or frequently used keystrokes. Basically, you record the series of keystrokes one time and then execute (i.e., playback) the macro as often as needed to perform the operation.

For example, you may be having a sale on PLU 50. Because it's on sale, you need to change the unit price for every transaction and your Supervisor may not be available. You can record the keystrokes and then execute the Macro each time you need to process that PLU.

Recording a Macro

QUICK STEPS

From the ? Screen:

1. Position Cursor
2. PRESS [SAVE/RECALL]
3. TYPE the Macro Number
4. PRESS [ENTER] or [▼]
5. TYPE the Macro Name
6. PRESS [F1]
7. Enter the keystrokes to Record Macro
8. PRESS [SAVE/RECALL]
9. PRESS [ESC]
10. PRESS [ESC]

To record a Macro:

1. Position the cursor on the screen where you want to begin the record (i.e., launch point).
2. PRESS [SAVE/RECALL]. You should now be on the *Operate Macros* Screen.

3. TYPE the Macro Number.
4. PRESS [ENTER] or [DOWN ARROW (▼)] to move to the Macro Name field.
5. If desired, TYPE the Macro Name.
6. PRESS [F1] to start recording the Macro.

7. PRESS the keys required to record the Macro.
8. PRESS [SAVE/RECALL] to complete the Macro.
9. PRESS [ESC] to return to the *Flashkey* Screen.
10. PRESS [ESC] to return to the *Start a Run* Screen.

Executing a Macro

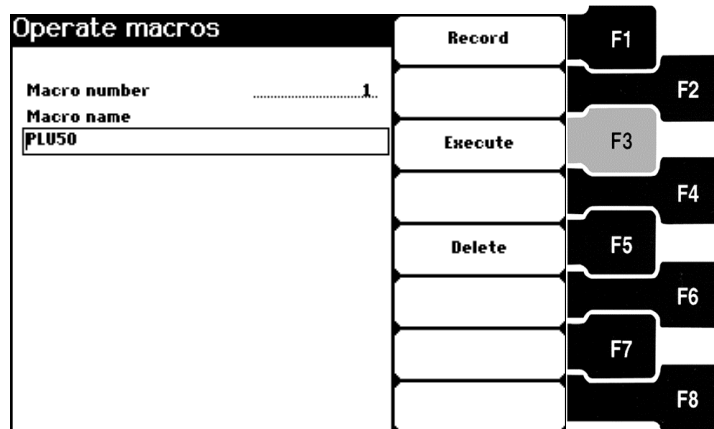
QUICK STEPS

From the ? Screen:

1. Position Cursor
2. PRESS [SAVE/RECALL]
3. TYPE the Macro Number
4. PRESS [ENTER] or [▼]
5. PRESS [F3]
6. Enter information to complete the transaction
7. PRESS [ESC]
8. PRESS [ESC]

To execute a Macro:

1. Position the cursor on the screen where you want the Macro to launch.
2. PRESS [SAVE/RECALL]. You should now be on the *Operate Macros* Screen.
3. TYPE the Macro Number.
4. PRESS [ENTER] or [DOWN ARROW (▼)] to move to the Macro Name field and confirm the Macro Name.
5. PRESS [F3] to select Execute. After you press [F3], the scale will move through the Macro sequence and stop.



6. TYPE the information to complete the transaction. Place the product on the scale platter and/or PRESS [PRINT] to finalize the transaction.
7. PRESS [ESC] to return to the *Flashkey* Screen.
8. PRESS [ESC] to return to the *Start a Run* Screen.



Note

An error message during the Execute function will terminate the Macro.

Deleting a Macro

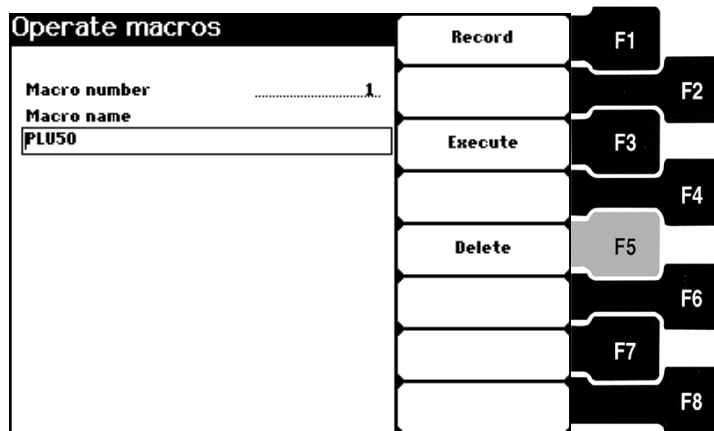
QUICK STEPS

From the ? Screen:

1. Position Cursor
2. PRESS [SAVE/RECALL]
3. TYPE the Macro Number
4. PRESS [ENTER] or [▼]
5. PRESS [F5]
6. PRESS [ESC]

To delete a Macro:

1. Position the cursor on the screen where you created the Macro.
2. PRESS [SAVE/RECALL]. You should now be on the *Operate Macros* Screen.
3. TYPE the Macro Number.
4. PRESS [ENTER] or [DOWN ARROW (▼)] to move to the Macro Name field and confirm the Macro Name.
5. PRESS [F5] to select Delete. The Macro is immediately deleted.
6. PRESS [ESC] to return to the *Start a Run* Screen.



Note

The following details important information on recording and executing Macros in the Operate Mode:

- ◆ If you Print a Label while executing a Macro, the Macro will terminate.
- ◆ Macros do not let you by-pass forced Operator Log-on.
- ◆ You must execute a Macro from the screen where you create it (i.e., launch point).
- ◆ If you create a Macro in the PrePackaged Products Mode, the Print Multiple Labels Mode or the Fixed Weight Verify Mode, you may execute them in any of the three (3) modes.
- ◆ If you record a Macro from a Flashkey Screen in the PrePackaged Products Mode, the Print Multiple Labels Mode or the Fixed Weight Verify Mode, you may execute them in any of the three (3) modes.
- ◆ If you attempt to execute a Macro in a place other than its launch point, you will get an error message that alerts you to this fact.

Proportional Tare (Percentage Tare)



Note

The following explanation on Percentage Tare (i.e., Proportional Tare) comes from *Weights & Measures Today*, National Conference on Weights and Measures, November 1993.

Percentage Tare Procedure

The procedure used to compute net weight involves the determination of two (2) tare weights. One tare will be a fixed tare for the outer container; the second, a percentage tare for individual wrappers on the items.

The store (or product manufacturer) determines the percentage of the gross weight represented by the tare weight on one (1) pound of the wrapped candy (scales with metric units would follow similar procedures).

For example, a pound of wrapped chocolate drops is unwrapped and the percentage tare weight determined on a suitable scale (e.g., on a scale with a minimum increment of 0.002 lb.) to be 0.04 pound or 4%. In some stores, similar products such as wrapped candy of different flavors and types are offered for sale at the same price; in these cases, consumers can mix the different candies in the same package. Tare weights can vary slightly on each type of candy, so tare averaging may be used to establish a percentage tare value. Once determined, the percentage tare is programmed into the device with the PLU of the candy.

The fixed tare of the bag or other container used by consumers is determined by the seller (e.g., 0.01 lb.) and is either programmed into the device with the Price Look-Up Code (PLU) for wrapped chocolate drops or is manually entered into the cash register by the sales clerk during each weighing process.



Note

The following explanation on calculating the Percentage Tare value is a portion of the Discussion Paper, *The Use of Proportional Tare*, Weights and Measures Industry Canada, June 22, 1994.

How the Percentage Tare Value is Calculated

Percentage Tare value is the value expressed as a percentage (e.g. 5.6%, 2.3%, etc.), that represents the proportion of tare material in comparison with the gross weight of a commodity. For example, if the percentage tare value for a specific individually wrapped confection is 14%, it means that for a gross weight of 100 grams, the total weight of individual wrappers is 14 grams.

The percentage tare value (Proportional Tare) is the figure that should be used to calculate the proper tare to be used when weighing individually wrapped confections (IWC).

Here is an example illustrating how it is calculated. In order to determine the net weight of candies, a fixed tare (weight of the cellophane bag and the twist tie) must first be deducted from the total gross weight.

Then, the weight of the individual wrappers must also be deducted. This weight is proportional to the number of candies in the bag. To determine this weight, two methods can be used: 1) candies are unwrapped and the individual wrappers are weighed, or 2) it is calculated using the percentage tare value (%T) and the gross weight.

The first method, which is a destructive method, should be used by the IWC manufacturers or importers to calculate the percentage tare value applicable to their products. This percentage tare value should then be provided to retailers so that they can use the second method which is non-destructive.

Method to be used by the manufacturer or importer for determining Percentage tare value (%T):

- 1) Ensure the scale is indicating zero (0).
- 2) Select a minimum sample of 25 candies.
- 3) Unwrap the candies, place the unwrapped candies aside for further weighing, and weigh the wrappers. The total weight of the wrappers must be at least ten times greater than the increment size (e.g. at least 20 grams if the scale has 2 gram increments). If not, unwrap more candies and add wrappers on the scale until the target weight is reached.
- 4) Record the total weight of the wrappers. This is the tare weight (TW).
- 5) Leave all the wrappers on the scale platter and add all the candies that were unwrapped. Weigh all wrappers and candies together and record this as the gross weight (GW).
- 6) Calculate the percentage tare value.
$$\%T = \frac{TW}{GW} \times 100\%$$

where:

%T = Percentage Tare Value

TW = Tare Weight

GW = Gross Weight

Working with Labels

The Quantum gives you the flexibility to decide what labels you will use, if they will be continuous or die cut, and what will print on each label.

The following is important information to know about labels and label printing before you get started.

- ◆ The thermal printhead requires no ink or ribbon.
- ◆ Thermal labels used for transactions may be preprinted or blank.
- ◆ Preprinted labels may be printed with a customer logo, store name, store address and/or other merchandising information (in black and white or color).

Labels are available in the following sizes. Some label lengths may require a custom label type.

Label Lengths	Label Widths			
	Standard 2.25" (57 mm)	Standard — Continuous & Linerless 2.25" (57 mm)	Narrow 1.5" (38 mm)	Narrow — Continuous 1.5" (38 mm)
1.0" (25 mm)			✓	✓
1.5" (38 mm)			✓	✓
1.75" (44 mm)	✓	✓		
2.0" (51 mm)			✓	✓
2.375" (60 mm)	✓	✓		
2.5" (63 mm)			✓	✓
3.0" (76 mm)	✓	✓	✓	✓
3.5" (89 mm)	✓	✓	✓	✓
4.5" (114 mm)	✓	✓		
5.0" (127 mm)			✓	✓
5.5" (140 mm)	✓	✓		
6.0" (152 mm)	✓	✓		
8.0" (203 mm)	✓	✓		

The following sections explain:

- ◆ Label Stock Styles
- ◆ Label Types (Formats)
- ◆ Graphics

Label Stock Styles

Label stock comes in a variety of sizes as will be described later in this section. Each type of stock has its own function and purpose.

Die Cut Labels

Die Cut Labels are cut so that each label is spaced for accuracy. Because these are all the same size they can be pre-printed to create a more attractive label.

Continuous Label Stock

Continuous Label Stock is often used in operations where numerous PLU's are processed and they require different label lengths for printing. By printing on Continuous Label Stock, a PLU with a lot of Expanded Text can be printed, as well as a PLU with only Special Message information. It saves labor, in that you don't have to change the label roll every time you need to change PLU's.

Continuous label stock is also used in itemized receipt format. An itemized receipt is a label with multiple PLUs and one grand total price and barcode.

Linerless Label Stock

Linerless Label Stock is the same as Continuous Label Stock, but does not have a liner.



Tip

Hobart supplied labels are recommended. They are your best buy, because:

- Best Quality in the business.
 - * Less than 1/10th of 1% defect rate.
 - * Accurate labels on every roll.
- Single source reliability for all scales.
- Highly resistant to heat and moisture.
- Excellent preprint quality.

Selecting Label Types (Formats)

Label Types are the actual format of the label, or how it is set up to print. Refer to the detailed examples for a better understanding of what the final label can look like. You may want to take some time to review each example and think about which options you want and which label size and format you should use. Although, these are accurate examples, the size and dimensions of the label or field may not be exact.



Note

If you do not find the label type you want, you can contact Hobart to order a custom label type. Hobart has designed a custom self-contracting label type for continuous label stock. For details and examples, refer to *Custom Labels*.



Note

Each label type is set up with default fonts. Changing the font may add/delete characters per line of text. To aid in merchandising, the Quantum offers a wide variety of fonts in the system ROM:

<Hobart5>
 Hobart5
 Hobart10
 Hobart12
 Hobart14
 Hobart18
 Hobart20
 Hobart24
 London18
 London24
 London36
 SP10
 SP14
 Ultima16
 Ultima18
 Ultima24
 Ultima36
 52
 Hobart68

Included in the above list are two custom fonts, Hobart 68 and Quantum 52. These fonts work in conjunction with specific custom labels. Contact your local Hobart office for more details.

Standard Labels by Family

Label families were designed to work with the default label type settings. For example, you may have label type 26 selected (designed for 6.0" labels), but the label stock in the scale is 3.0". The scale automatically reverts to the 3.0" label type which is in the same family as 26. In this example, the scale prints label type 23. Although, the following are accurate examples, the size and dimensions of the label or field may not be exact.

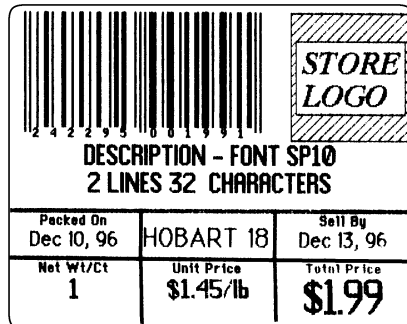
Note

Label Types 113 and 123 are identical label formats for the Quantum and the Ultima. They include an embedded Safe Handling graphic which frees the graphic field for the same label or a second label.

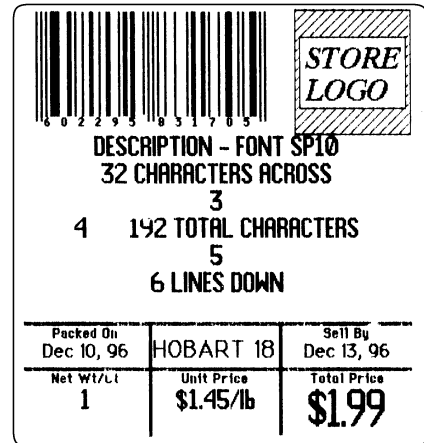
Tip

Be aware that each label format is limited by the size. Different label sizes in the same family may print significantly different information and format.

Family 1



Label Type 11



Label Type 12

Family 1



**STORE
LOGO**

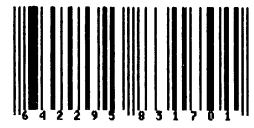
**DESCRIPTION - FONT SP10
2 LINES 32 CHARACTERS**

EXPANDED TEXT - FONT HOBART 10
45 CHARACTERS ACROSS
3 225 TOTAL CHARACTERS
4
5 LINES DOWN

NET WT 12 LB 7 OZ

Packed On Dec 10, 96	HOBART 18	Sell By Dec 13, 96
Net Wt/Ct 1	Unit Price \$0.16/lb	Total Price \$1.99

Label Type 13



**STORE
LOGO**

**DESCRIPTION - FONT SP10
2 LINES 32 CHARACTERS**

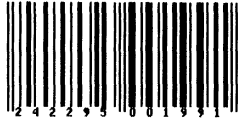
EXPANDED TEXT - FONT HOBART 10
45 CHARACTERS ACROSS
3
4
5
6
7
8
9
10
11
12
13 1170 TOTAL CHARACTERS
14
15
16
17
18
19
20
21
22
23
24
25
26 LINES DOWN

NET WT 32 OZ (2 LB 0 OZ)

Packed On Dec 10, 96	HOBART 18	Sell By Dec 13, 96
Net Wt/Ct 1	Unit Price \$1.00/lb	Total Price \$1.99

Label Type 14

Family 1



**STORE
LOGO**

**DESCRIPTION - FONT SP10
2 LINES 32 CHARACTERS**

EXPANDED TEXT - FONT HOBART 10
45 CHARACTERS ACROSS

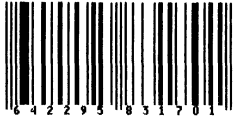
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43
44
45
46
47
48 LINES DOWN

1536 TOTAL CHARACTERS

NET WT 5 OZ

Packed On Dec 19, 96	HOBART 18	Sell By Dec 22, 96
Net Wt/Ct 1	Unit Price \$6.37/lb	Total Price \$1.99

Label Type 15



**STORE
LOGO**

**DESCRIPTION - FONT SP 10
2 LINES 32 CHARACTERS**

EXPANDED TEXT - FONT HOBART 10
45 CHARACTERS ACROSS

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31
32
33
34 LINES DOWN

1088 TOTAL CHARACTERS

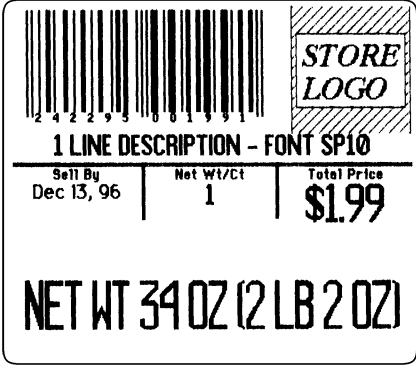
Nutrition Facts	
Serving Size	
Servings Per Container	
Amount Per Serving	
Calories	Calories from Fat
% Daily Value *	
Total Fat	%
Saturated Fat	%
Cholesterol	%
Sodium	%
Total Carbohydrate	%
Dietary Fiber	%
Sugars	
Protein	
Vitamin A	Vitamin C
Calcium	Iron
*Percent Daily Values are based on a 2000 calorie diet.	

NET WT 45 OZ (2 LB 13 OZ)

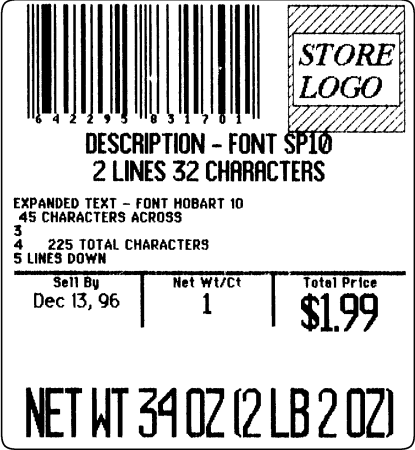
Packed On Dec 10, 96	HOBART 18	Sell By Dec 13, 96
Net Wt/Ct 1	Unit Price \$0.71/lb	Total Price \$1.99

Label Type 16

Family 2



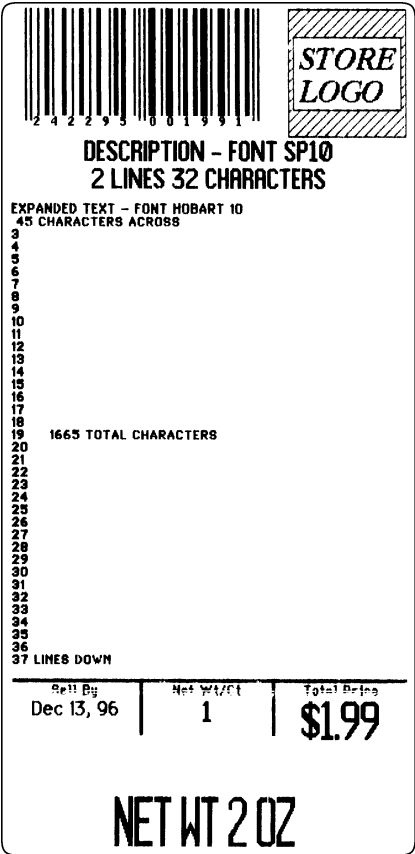
Label Type 21



Label Type 22

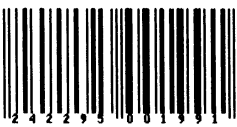


Label Type 23



Label Type 24

Family 2



**STORE
LOGO**

**DESCRIPTION - FONT SP10
2 LINES 32 CHARACTERS**

EXPANDED TEXT - FONT HOBART 10
45 CHARACTERS ACROSS


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49
50
51
52
53
54
55 LINES DOWN

2000 TOTAL CHARACTERS

Sell By Jan 12, 97	Net Wt/Lt 1	Total Price \$1.99
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NET WT 2 OZ

Label Type 25



**STORE
LOGO**

**DESCRIPTION - FONT SP10
2 LINES 32 CHARACTERS**

EXPANDED TEXT - FONT HOBART 10
45 CHARACTERS ACROSS

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31
32
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36
37
38
39
40
41
42
43
44
45
46 LINES DOWN

2000 TOTAL CHARACTERS

Nutrition Facts	
Serving Size	
Servings Per Container	
Amount Per Serving	
Calories	Calories from Fat
% Daily Value *	
Total Fat	%
Saturated Fat	%
Cholesterol	%
Sodium	%
Total Carbohydrate	%
Dietary Fiber	%
Sugars	
Protein	
Vitamin A	Vitamin C
Calcium	Iron
*Percent Daily Values are based on a 2000 calorie diet.	

Sell By Dec 13, 96	Net Wt/Lt 1	Total Price \$1.99
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NET WT 3 OZ

Label Type 26