

# Ishida OMNi-4000

## Setting Text Fields for Fixed Character Sizes

OMNi-4000 label formats may be edited to control the characters sizes and justification of text fields regardless of the data sent to the wrapper. This is useful when third-party scale management software is sending undesirable text formatting to the OMNi-4000. The procedure and settings to make the change are listed below.

The changes listed below are made at the OMNi-4000.

### PLU Description

Several changes must be made to the properties of the PLU Description field to print text with a fixed character size and justification. The example below sets the text as size 5 and the justification as centered right to left as well as up and down.

1. Enter the **System Menu**.
2. Select **Format Setup**. The current default format will be displayed.
3. Press the white box containing "**00:HEADER**" at the bottom of the screen until the field containing "**(NAME)**" appears.
4. Press the blue **DETAIL** button.
5. Set the following fields as indicated. [See images 1 and 2](#) below for reference.
  - a. *UNIT TYPE* = **20** (Normal Char.: Reference)
  - b. *FONT TYPE* = **0A** (fixed as size #5) [Press *Font Type* and select from the list]
  - c. *FONT DIRECTION* = **00** (horizontal)
  - d. *PITCH* = **03** (spacing between characters)
  - e. *LINE PITCH* = **03** (spacing between lines)
  - f. *TEXT POSITION* = **11** (fully centered) or  
= **01** (top justified and centered left/right)
6. Press **BACK** to return to the label format screen.
7. Enter a valid PLU Number and press the **ITEM No.** (or **PLU No.**) box.
8. Print a test label to verify the PLU Name is formatted as desired.
9. Press **MENU** and **EXECUTE** to save the changes.
10. Press **MENU** and **OPERATION** to return to normal operation.

**Note:** If the OMNi-4000 will also print Ingredients or other text in a smaller size or with different justification see **PLU Description with Ingredients** below.

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PRINT UNIT SETUP		
ITEM	SETTING	VALUE
UNIT TYPE	NORMAL CHAR. : REFERENCE	20
ID No.	NAME: REFERENCE	84
X AXIS	Set the width (X direction) by 0.1mm.	0025
Y AXIS	Set the height (Y direction) by 0.1mm.	0575
FONT TYPE	24 x 12 (ENGLISH/No. ): REFERENCE	0A
SPARE		11
FONT ATTRIBUTE	REFERENCE	00
FONT DIRECTION	00: HORIZONTAL 01: VERTICAL	00

UNIT No. 21

A

B

C

D

E

F

INPUT

BACK

▲

▲

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▼

EDIT

COPY

Image 1. PLU Name properties, page 1

PRINT UNIT SETUP		
ITEM	SETTING	VALUE
PITCH	Set character pitch 0-99 by 0.1mm.	03
LINE PITCH	Set line pitch 0-99 by 0.1mm.	03
ROTATION	00: 0 DG 01: 90 DG 02: 180 DG 03: 270 DG	00
X DIRECTION	Set 0-2000 by 0.1mm.	0595
Y DIRECTION	Set 0-2000 by 0.1mm.	0110
TEXT POSITION	REFERENCE	11
SPARE		00
SPARE		07

UNIT No. 21

A

B

C

D

E

F

INPUT

BACK

▲

▲

▼

▼

EDIT

COPY

Image 2. PLU Name properties, page 2

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## Setting Text Fields for Fixed Character Sizes

### PLU Description with Ingredients

The procedure listed above affects the PLU Name and any text messages printed within the PLU Name area. Any of the standard text messages (Extra Message #1, #2, #3, and Coupon) may also be assigned to print in the PLU Name area. Use the procedure listed below to select or unselect the messages.

#### **Notes:**

- Any message linked to print in the PLU Name area will use the same character size and alignment as the PLU Name.
- If text fields are removed from the PLU Name they must be added to the label format as separate fields.

1. Enter the **System Menu**.
2. Select **Format Setup**. The current default format will be displayed.
3. Press the white box containing "**00:HEADER**" at the bottom of the screen until the field containing "**(NAME)**" appears.
4. Press the blue **DETAIL** button.
5. If necessary, change the *UNIT TYPE* setting to "**71**" (Commodity Spec.: Reference).
6. Press *PRINT ITEM* to display a list of available text messages. [See image 3](#) below.
7. Touch any message to select (blue) or unselect (white) inclusion in the PLU Name area.
8. Press **BACK** when finished.
9. Change the *UNIT TYPE* setting to its original value.
10. Press **BACK** to return to the label format screen.
11. Press **MENU** and **EXECUTE** to save the changes.
12. Press **MENU** and **OPERATION** to return to normal operation.

## Ishida OMNi-4000 Setting Text Fields for Fixed Character Sizes

PRINT UNIT SETUP			
After selecting all print unit, press [BACK] to save the data. BLUE: PRINT WHITE: NON PRINT			PAGE
U	02	EXTRA MSG 1	00
	04	COUPON	00
	08	EXTRA MSG 2	00
	10	EXTRA MSG 3	00
	20	ORIGIN	00
	40	REGISTER CODE	00
	80	POP	00
PR	00		00
UP	00		00

Image 3. Selecting Text Messages to Print in the PLU Name Area

### Notes

- The procedure detailed above to set the PLU Name character size and alignment also works for the IP-EMZ hand wrap scale printer.
- If text messages removed from the PLU Name are needed, add them using i-Support or i-Label.