SCANNING & SETTING UP BARCODES FOR POS

Scanning Barcodes from Label Printing Scales on Point of Sale

You can use label printing scales that support UPC-A and EAN-13 barcodes, such as the CAS CL series. These scales measures the weight of an item and issues a barcode label, also known as a price embedded barcode that contains both an item stock-keeping unit (SKU) number as well as the total weight or price of an item. When items with these types of barcodes are scanned, the item's weight and price information is automatically captured on your Point of Sale.

Set up Items by Weight

In order to use label printing scales, you'll need to ensure that you set up items that are sold by weight using the correct barcode information. These items should have a SKU or PLU number that is five digits long and must match the SKU or PLU that is configured on both your scale and POS.

During checkout, scan the barcode using your barcode scanner and the item will be added automatically to the customer's cart. The item will appear with information from the total price on the barcode along with the item's price and unit.

Note: Items will not scan correctly if the item SKU or PLU is not five or less digits, or if the item has not been set up to be sold by weight. Additionally, the barcode on the label must contain item price information, not item weight information.

EAN-13 Barcode Formatting – "Item Code & Total Price"
(already set up on any newly purchased CL-300-, CL-5200, CN1, CL-5500, CL-7200)

The basic format for most EAN-13 barcodes is: 02-IIIII-PPPPP-C. It is important to note:

- 02 has been manually set as the barcode prefix.
- The next five digits of the barcode (i.e. IIIII) is for Item Code that identifies the SKU or PLU information entered. For example, if your item code is "00123", this portion of the barcode will also read "00123".
- The following five digits of the barcode (i.e. PPPPP) represent the total price of an item in cents. Thus, an item that is $12.34 would read as 01234.

- The last digit is "C" which is for Check Sum. The barcode will not scan properly without this.
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EAN-13 Barcode Formatting – "PLU and Weight Embedded Info"

An alternative set up would be a barcode with the PLU # and Weight: 02-NNNNN-WWWWW-C. This approach is usually done when items do not already have a SKU number to use. Once you have assigned items a PLU in the scale software, you would use that PLU number as the identifying number in the POS system. Then you would need to make sure the POS is set up to read this format.

- 02 has been manually set as the barcode prefix.
- The next five digits of the barcode (i.e. NNNNN) is for the PLU number that identifies the SKU/Item information entered.
- The following five digits of the barcode (i.e. WWWWW) represent the total weight of an item. Then the POS calculates the total price by using the stored information on the item's unit price multiplied by the total weight on the barcode.
- The last digit is "C" which is for Check Sum. The barcode will not scan properly without this.

For more information on other barcode formats and setup options please speak directly to your CAS Dealer. Also speak with your POS provider as they will be able to recommend the ideal barcode format for your setup.