

General Purpose Counting/Coin Scale

DRTM
DUAL RANGE
TECHNOLOGY

NSF



12 lb / 6 kg and 30 lb 15 kg
Capacity Counting Scale



*60 lb / 30 kg Capacity
Counting/Coin Scale

ONE SCALE. TWO CAPACITIES. SMART PRECISION.

By automatically adjusting resolution across two capacity ranges, the B140 Counting Scale ensures accurate weighing whether the load is small or large - eliminating the need for multiple scales.

The B140 is a high-precision counting scale ideal for bulk handling and packing operations in production lines, process control, and warehouse applications.

With eight pre-stored piece-weight memories, it's perfect for storing frequently counted or hard-to-count parts. It also includes two pre-set tares for use with regularly sized containers or bins. Three easy-to-read LED displays provide all the counting data you need, even in low-light warehouse environments.

The B140 includes an RS-232 communication port for connecting to a PC or printer. Its robust ABS housing and removable food-grade stainless-steel platter make cleaning simple and efficient. It runs on a built-in rechargeable battery that provides up to 20 hours of operation, or it can be powered via AC adapter—ideal for portable picking carts or areas where power access is limited.

The B140 (60 lb / 30 kg) includes a coin-counting mode with dedicated currency function keys.



Accuracy

Within 0.01% of full load



Power

AC adapter with rechargeable battery with 20 hours battery life between charges



Construction

Rugged ABS base with stainless steel weight platter



Dual Range Capacity

6-15 lb x 0.0002-0.0005 lb
15-30 lb x 0.0005-0.001 lb
30-60 lb x 0.001-0.002 lb
3-6 kg x 0.0001-0.0002 kg
6-15 kg x 0.0002-0.0005 kg
15-30 kg x 0.0005-0.001 kg



Display

Three six digit 14.2 mm / 0.56" high seven segment red LED display with three brightness levels



Operating Keys

On/Off, Clear, Enter, Zero, Tare, Total, lb/kg, Piece Weight, PLU, Print, *Currency, Upper Limit, Lower Limit, 0-9

B140 General Purpose Counting/Coin Scale

Specifications

Dual Range Capacity:

B140-6
6-15 lb x 0.0002-0.0005 lb
3-6 kg x 0.0001-0.0002 kg

B140-15
15-30 lb x 0.0005-0.001 lb
6-15 kg x 0.0002-0.0005 kg

B140-30 (with coin mode)
30-60 lb x 0.001-0.002 lb
15-30 kg x 0.0005-0.001 kg

Minimum Piece Weight:

B140-6
Min Piece Weight: 0.0001 lb / 0.05 g
Min Sample Weight: 0.02 lb / 6 g

B140-15
Min Piece Weight: 0.0002 lb / 0.1 g
Min Sample Weight: 0.05 lb / 15 g

B140-30
Min Piece Weight: 0.0005 lb / 0.2 g
Min Sample Weight: 0.1 lb / 30 g

Display: Three six digit 14.2 mm / 0.56" high seven segment red LED display with three brightness levels

Operating Temperature:

-10° C to 40° C / 14° F to 104° F

Power: Internal rechargeable battery giving 20 hours of use between charges. Recharge time approximately eight hours with 12V 500mA UK/EU/US power adapter (p/n AWT05-100560).

Auto-off: Selectable between 1 and 30 minutes or off

Function Keys: On/Off, Clear, Enter, Zero, Tare, Total, lb/kg, Piece Weight, PLU, Print, *Currency, Upper Limit, Lower Limit and 0 – 9 for data entry

Keyboard Functionality: 0-9– Used for keyboard entry of piece weight, sample size, and upper and lower limit settings

Units/*Currency: Units used to switch displayed weights between lb and kg. Currency used to switch between currency type (available in 30 kg / 60 lb) capacity only). US Dollars, GB Pounds and Euros with big and small bag selection.

Zero: Return displayed weight and count to zero for accurate weighing and counting. Zero range capability is 5% of scale capacity.

Enter/Pcwt: Enter used to confirm or save entered data from keyboard. Pcwt used for keyboard entry of a known average piece weight.

Tare: Used to zero off (up to 100% of capacity) an empty container or weight, not required in the calculation of an average piece weight. Use of tare will reduce the scales maximum weight capacity by value stored.

Total: Ability to add the display to an accumulator (Memory +) and only accumulate when there is a percentage of weight change

Clear/Hi/Lo: Clear to erase a keyed in value from the display if an error has been made. Hi/Lo is to set the upper and lower limits.

Upper: Used to set an upper limit quantity for count check feature

Lower: Used to set lower limit quantity for count check feature

Print: Output to RS232 communications (configurable)

***Mode:** Toggle between counting functions

Platter Dimension (L x W x H):

222 mm x 292 mm x 13 mm / 11.5" x 13" x 0.5"

Product Dimension (L x W x H):

292 mm x 333 mm x 109 mm / 11.5" x 13.1" x 4.3"

Product Weight: 2.9 kg / 6.5 lb

Packaging Dimension (L x W x H):

406 mm x 356 mm x 203 mm / 16" x 14" x 8"

Shipping Weight: 5 kg 12 lb

Approvals: NSF, UKCA, CE, full FCC compliance, Prop 65, CEC, ETL approved power adapter

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V3 AWT35-100137