

# BPS75 & BPS150 User Manual



## General information

Congratulations on the purchase of your new BPS scale. Please read this guide to become familiar with the operation of this product. Save this guide for future reference.

- Do not put excess weight or drop items on the scale. This could damage the weighing mechanism and or affect the scale accuracy.
- Do not use or store the scale in a high temperature, high humidity or high vibration area.
- The batteries should be replaced when the low voltage is indicated.
- Use a mild soap solution with a cloth to clean the scale, by spraying the cloth and wiping the scale.
- Do not use any harsh chemical cleaner.
- Do not wash down or immerse the scale in any way as this would cause permanent damage.

## Specifications

- Weighing Platform: 390X310mm stainless steel
- Indicator: Rugged ABS housing, LCD display with backlit
- Maximum Capacity: 75kgx0.05kg, 150kgx0.1kg
- Division: 0.05kg, 0.1kg
- Weighing Unit: kg, lb, lb:oz
- Operation keys: ON/OFF/ZERO, UNIT, COUNT, TARE
- Power: A/C adapter; Output 6vdc, 600ma (included)
- 4x AA batteries (not included)
- Auto off Time: 5 Minutes or disable the function. Default setting is 5 minutes
- Overload Indication: overload

## Basic Operations

### 1. Battery Installation and Power Supply

Install 4 AA batteries into the battery compartments on the rear of indicator.

Be sure to observe battery polarity before installing.

The scale can also be powered by using the supplied external power supply.

### 2. Power on

Place the scale on a hard, flat and level surface. A short press the [ON/OFF/ZERO] key to power on the scale. The display will show 88888, then show 0.00kg for BPS75 and 0.0kg for BPS150 a few seconds later, the scale will now be ready to use.

### 3. Power off

Long press on the [ON/OFF/ZERO] key to power the scale off.

The scale is set to automatically powered off after 5 minutes if the scale is not in use.

To disable this function, long-press on the TARE key, until 300 is displayed.

Press the TARE key again, the NOOFF will be displayed. Press the UNIT key to return to normal weighing mode, the scale will now remain on until manually powered off.

### 4. Unit Selection

Choose the display weight unit from kg, lb or lb:oz. When in weighing mode, press the [UNIT] key to toggle between the three units of measure.

## 5. Normal Weighing

Place the object on center of the platter. The scale will display the weight of the object when the reading is stable.

### To perform a Tare

When the weight reading is stable and reading is 0.0, place item on scale and wait for a stable weight. Press the [TARE] key to tare off the weight.

### To perform a Count

When in counting mode, this scale can be used to count components of the same weight.

Press the COUNT key to enter the counting mode. The display will show 0.

To calculate the piece weight of the parts or components to be counted, place a known quantity of parts (25,50,75 or 100) onto the weight platform.

A long-press on the COUNT key, will now display 25pcs.

To change the sample quantity, keep pressing the UNIT key, until the correct quantity of parts is shown (25,50,75 or 100).

Press the COUNT key to confirm sample.

Place the remaining number of parts to be counted on to the weight platform and the scale will now display the correct quantity of parts on the scale.

### To perform Calibration

Your scale provides single point calibration.

Before calibrating the scale, you should ensure that you have a suitable known weight for calibration. Suggest to select big weight for calibration to gain a high accuracy.

1. Power on the scale, after indicator display 0.0 or 0.00, press and hold the UNIT key for 3 seconds until the display shows CAL.

2. Press the TARE key, the indicator will display default calibration weight.

The default calibration weight for BPS75 is 50kg, for BPS150 is 100kg.

You can press the UNIT key to switch to other calibration weights if needed (10kg, 20kg, 30kg, 40kg, 50kg, 100kg, 150kg).

3. After selecting the Calibration weight on the indicator, put the corresponding weight onto the weighing platform. Press the TARE key to confirm, the blue back-light will turn off, the weight digits will flash for a few seconds before displaying PASS, Calibration is now complete and the scale will automatically return back to normal weighing mode.

## Brecknell

### Brecknell USA

1000 Armstrong Dr.

Fairmont MN 56031

Tel:507-238-8702

Fax:507-238-8271

Email: [sales@brecknellscales.com](mailto:sales@brecknellscales.com)

<http://www.brecknellscales.com>

## Brecknell

### Brecknell UK

Foundry Lane,

Smethwick, West Midlands,

England B66 2LP

Tel:+44 (0) 8452 46 6717

Fax:+44 (0) 8452 46 6718

Email: [sales@brecknellscales.co.uk](mailto:sales@brecknellscales.co.uk)

<http://www.brecknellscales.com>