



PS-7 Digital Postal Scale

Operation and Service Manual



V1.0

Contents Subject to Change without Notice

7 LB / 3200 gram Digital Postal Scale



Dear Customer,

Thank you for choosing our products. Please read the instructions in this manual and use carefully. Keep it for later use and be sure to make it accessible to other users to observe the contained information.

Best regards,
Brecknell

1.00 Safety Precaution:

Caution! Do overload the scale with a weight much heavier than the maximum capacity list in this booklet. Normally a load over 200% of the maximum capacity is likely to damage the scale.

Do not keep weight/loading over the platform continuously, clean up / clear the platform when you finish weight measurement.

Batteries are highly dangerous if swallowed. Keep batteries and scale out of reach of small children. If batteries are swallowed, get medical help immediately.

Batteries enclosed (if any) must not be recharged or reactivated by any means. Do not disassemble, taken apart, thrown into a fire or short-circuited.

Keep children away from packing materials (danger of suffocation).

2.00 General notes for maintenance and troubleshooting:

The device is for personal/domestic use only and is not intended for medical or commercial applications.

Place the scale on a firm level table/desk; a firm and level surface is preferable for correct measurement.

The scale should be cleaned occasionally with a slightly damp cloth. Do not use abrasive detergents and never immerse the scale in water.

Protect the scale against hard knocks, moisture, dust and chemicals. Keep away from heat sources like stove and heating radiators.

Repairs may only be carried out by Brecknell customer service or authorized dealers (per give list). When device cease function, please first check the batteries and replace if necessary.

When the scale gives an unsteady readout, please check alongside the weighting platform see if foreign substance is stuck in between the platform and main housing.

All scales comply with EC Directive 89/336 + supplements in Europe; in USA, the device is FCC compatible.

3.00 General Specification:

Capacity (Max Loading) : 3.5KG / 7LB

Operation Range: 0 to 7LB : 4oz ; 0 to 3290 gram ; 0 to 7.250LB

Display: LCD display of 0.9" high digit

Power requirement: AAA Battery x 2, 3 Vdc

Low Battery Warning: "Lo" will display when battery drops to approx. 2.4V

Resolution:

Unit of Measurement:	LB (decimal)
Range: 0 ~ 5 x 0.005 LB	Range: 5 ~ 7 LB x 0.01 LB
Unit of Measurement:	LB : oz
Range: 0 ~ 5 LB x 0.1 oz	Range: 5 ~ 7 LB x 0.5 oz
Unit of Measurement:	Gram
Range: 0 ~ 2000g x 5 g	Range: 2000 ~ 3200 g x 10 g

Miscellaneous Functions and Features:

Automatic Zero

Tare (Max tare off weight is 2LB without reducing max capacity)

Auto Shutoff in 120 sec (no load); 30 sec (with loading)

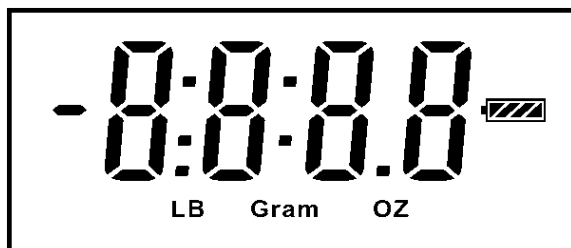
Overload Indication: "- - -"

Unit Switch: LB / LB : oz / gram selection

ON/OFF Switch: Power on/off and Tare function

4.00 Start up and Operating Procedure:

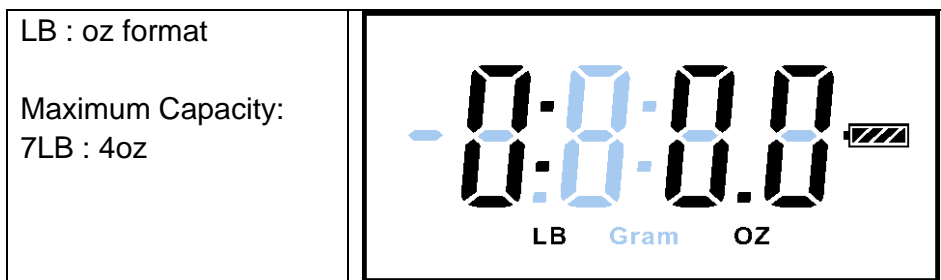
The packing includes two AAA batteries, to start up the unit, insert these batteries in the compartment on the underside of the scale. Once the batteries are installed, the unit will immediately turn on showing the complete LCD layout (for 2 second)



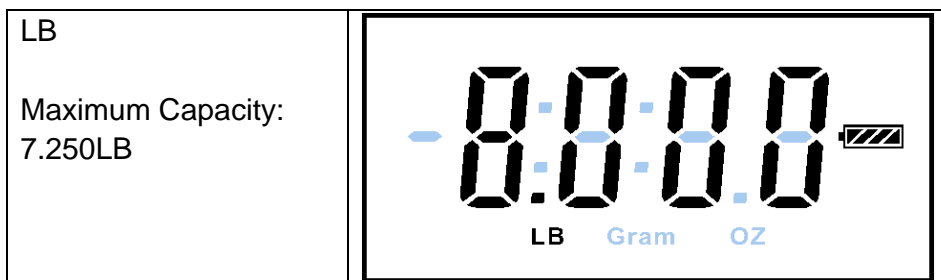
4.10 Turn on the scale and select unit of measurement.

Place the unit on a flat table and Press the ON/OFF/TARE switch once if the display does not show zero.

The unit was default to take measurement in LB : oz format as shown below



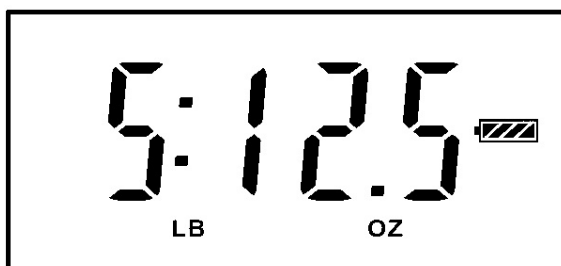
If user has other preference in measuring units, press the “UNIT” switch for other options as followed: LB : oz ---- gram ---- LB ---- LB : oz ---- repeatedly



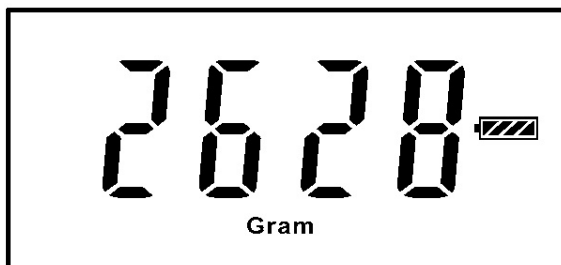
When the unit is turned on the unit of measurement will always follow previously.

4.20 Weight measurement and Readout preference

After the scale is turned on and unit selected, users can now nicely place object over the platform for weight measurement. For example when the object is 5LB 12.5oz, then the display will show in LB-oz mode:



If users want to know the result in metric, just press the selection key once then the readout will toggle to metric 2628 gram, as below:



4.30 Tare function

In case users need a basket / tray to measure the weight of a bunch of stuff, they can firstly place the tray on the platform and press the ON/OFF/TARE switch once. The scale will clear the weight of the tray and reset zero in less than a second.

The scale can accept a maximum tare off weight of 2LB, if the tare off weight is higher than this, the measurement capacity will be reduced by the difference.

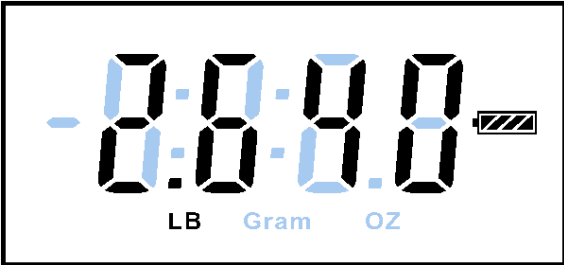




4.40 Over Load Display

When loading is at or over the maximum capacity (7LB : 4oz ; 3290 gram ; 6.250LB), the LCD display will show "-- -" telling users that the measurement is out of range. Please see below:



4.50 Some readout examples in different ranges:

<p>0 ~ 5LB</p> <p>1200 gram 2LB and 10.2oz 2.640LB</p>	
---	--

0 ~ 5LB 1202 gram 2.640LB 2LB and 10.3oz	
0 ~ 5LB 1200 gram 2.640LB 2LB and 10.2oz	
5.01LB ~ 7.0LB 2730 gram 6LB and 10.3oz 6.01LB	
5.01LB ~ 7.0LB 2730 gram 6.010LB 6LB and 0.0oz	
5.01LB ~ 7.0LB 2730 gram 6.01LB 6LB and 0.0oz	

5.00 Low Battery Warning, Battery Disposal and replacement

5.10 Low battery warning

The device is able to sense if the batteries installed are in good condition for an accurate measurement. 2 battery levels are assigned in the device: Good or Low.

When the battery voltage drops to or below 2.4V, a flashing sign will show:



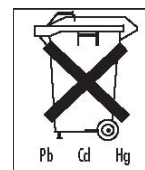
In this case, user will also see the empty battery icon blinking and once it appears, user should immediately replace the battery as the low battery condition is likely to degrade the weight measurement and giving a poor accuracy.

5.20 Battery Disposal and Replacement

Used, fully discharged batteries must be disposed of in a specially labeled collection container, at toxic waste collection points or through an electrical retailer. You are under legal obligation to dispose of batteries correctly.

When the scale is not expect to be operated for several months or longer, users should withdraw the batteries from the compartment, because battery leakage will contaminate the contact causing the device loosing function.

Note: You will find these markings on batteries containing harmful substances:
Pb = battery containing lead, Cd = battery containing cadmium, Hg = battery containing mercury.



***** END *****



1000 Armstrong Dr., Fairmont, MN 56031
Toll free: 800-637-0529, Tel: 507-238-8702
Fax: 507-238-8271
e-mail: sales@brecknell scales.com
www.brecknell scales.com



Foundry Lane, Smethwick
West Midlands B66 2LP UK
Tel: +44 (0) 845 246 6717
Fax: +44 (0) 845 246 6718
Email: sales@brecknell scales.co.uk