

MARSDEN

USER MANUAL

B-100

IP68 Waterproof Stainless Steel Bench Scale

Please take time to read these instructions before starting to use the scale



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Introduction

Thank you for purchasing a Marsden industrial scale. This is a precision, IP68-certification CE Approved Weighing Instrument and considerate use will result in many years of accurate weighing.

Please read this user manual before you use the scale. Further advice and operational guidance is available from Marsden by calling 01709 364296.

Marsden's policy is one of continuous development and therefore we reserve the right to change product specification without notice.

Product Specification

Model	B-100
Capacity/Division	3kg x 0.2g 7.5kg x 0.5g 15kg x 1g 30kg x 2g 30kg x 5g
Weight of Scale	3.6kg
Units of Measure	Kg / lb
Function Keys	ON/OFF, TARE, ZERO, UNIT
Stabilization Time	1-2 Seconds
Operating Temperature	-5 to 35°C
Power Supply	6V4Ah battery or mains powered
Indicator Display	15mm high LCD front and rear display
Pan Dimensions (l x w)	190mm x 230mm
IP Rating	68

Safety Instructions

Before putting the device into use, please read with care the information given in this user manual, which contains important instructions for proper installation, use and maintenance of the device.

Marsden/the manufacturer shall not be liable for damages arising from failure to heed the following instructions:

- When using electrical components under increased safety requirements, always comply with appropriate regulations.
- Inappropriate installation/use will render the warranty null and void.
- Ensure the voltage marked on the power supply unit matches your mains supply.
- This device is designed for use indoors.
- Observe the permissible ambient temperatures for use.
- The device meets the requirements for electromagnetic capability. Do not exceed the maximum values specified in the applicable standards.
- Batteries should be kept away from small children. If swallowed, promptly seek medical assistance.

If you have any problems, contact Marsden/your local dealer/your service partner.

Cleaning

- Always disconnect the scale from the mains power supply before cleaning.

Maintenance

- The scale does not require any routine maintenance. However, we recommend checking the scale's accuracy at regular intervals. If any inaccuracies occur, please contact your local dealer or service partner.

Disposing of the Scale

- This product should not be treated as regular household waste but should be handed in to an electrical/electronic equipment recycling centre.
- You can obtain further details from your local council, your municipal waste disposal company or from where you purchased the product.

Explanation of Graphic Symbols



“Please note the accompanying documents” or “Observe operating instructions”

Dispose of old appliances separately from your household waste. This product must be disposed of at a communal collection point.



Carefully read this operation manual before setup and commissioning, even if you are already familiar with Marsden scales.



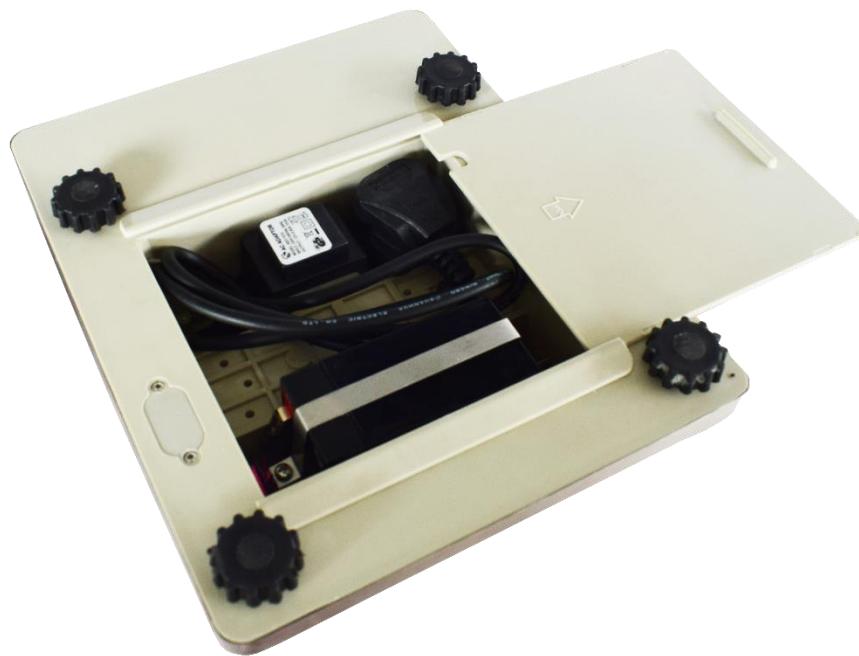
Transport and storage temperature limit indicating the upper and lower limit (transport and storage temperature on packaging).

Power Supply & Low Battery

The indicator uses power from the 6V4Ah rechargeable battery, or by a mains lead, stored in the compartment underneath the scale.

When the display shows -batLo- connect to mains supply and charge the scale immediately.

After 40 seconds of inactivity the scale will switch to power saving mode. To start weighing again, simply add a weight to the scale.



Operation: Basic Functions

1.1 SWITCHING ON THE SCALE

- 1) Press the ON button firmly.
- 2) The scale will test all of the display segments.
- 3) The scale will now go into weighing mode and should show 0.000 on the display.

1.2 SWITCHING OFF THE SCALE

- 1) Hold the OFF button for three seconds when the scale is turned on. The scale will power down.

1.3 SETTING THE SCALE TO ZERO

- 1) If for any reason the scale shows a reading other than 0.000kg, it can be reset to zero. Press the ON/ZERO button once.
- 2) The scale will return to 0.000kg.

Operation: Advanced Functions

2.1 TARE FUNCTION

- 1) Place the item you wish to deduct the weight of (such as a plate or a bowl) on the scale and press TARE.
- 2) The scale will show 0.000kg.
- 3) Remove the item from the scale and a minus reading will show (such as -0.899).
- 4) Weigh as normal and the negative weight reading will be deduced from the total weight.

2.2 COUNTING FUNCTION

- 1) To count items on the scale, first place a sample quantity on the scale. Switch the indicator to count mode by pressing the SET and ON/ZERO buttons at the same time.
- 2) The display shows 'PCS'. Press ON/ZERO to confirm.
- 3) Press SET to change digit and TARE to change the value.
- 4) To confirm the amount, press ON/ZERO and remove the items.
- 5) Place the items on the weighing pan to resume count.
- 6) To return to normal weighing mode, place the original sample on the scale. Press the SET and ON/ZERO key. The scale will show PCS Y. Press the TARE button to change this to PCS N. Press ON/ZERO to confirm.

2.3 SWITCHING UNITS

- 1) To switch the weighing units of the scale from kg to lb, hold down the TARE button.

2.4 SETTING THE ALARM

- 1) To enter the alarm mode, press the SET and ON/ZERO buttons.
- 2) The display will show rAng. Press ON/ZERO to confirm.
- 3) To set the lower limit press SET to change digit and TARE to change value. Confirm the lower limit by pressing ON/ZERO.
- 4) Set the upper limit by using SET and TARE. Press ON/ZERO to confirm.
- 5) The LED display will show until the target weight is reached. The alarm will sound when the target is reached.
- 6) To remove the target weight. Press the SET and ON/ZERO buttons and the display will show rAng. Press ON/ZERO three times to turn the alarm off.



Accuracy Assured

Tel: 01709 364296 / 0800 169 2775

Fax: 01709 364293

E-mail: sales@marsdengroup.co.uk

Manufacturing and Distribution:

Unit 7, Centurion Business Park,
Coggin Mill Way,
Rotherham,
S60 1FB

Head Office:

Unit 1, Genesis Business Park,
Sheffield Road,
Rotherham
S60 1DX

www.marsden-weighing.co.uk