

MARSDEN

USER MANUAL

MS-150/MS-300

Marsden Floor Scale

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



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Product Specification

Model	Marsden MS-150/MS-300
Capacity/Division	150kg x 50g/300kg x 100g
Units of Measure	Kg/lb/oz
Function Keys	HOLD, UNIT, TARE, ON/ZERO/OFF
Stabilization Time	1-2 Seconds
Operating Temperature	5 to 35°C
Power Supply	Rechargeable battery pack 12V 1500mA DC adaptor
Indicator Display	25mm LCD display with 4 ½ active digits
Platform Dimensions	575mm x 575mm x 55mm
Indicator Dimensions	285mm x 110mm x 55mm

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

Indicator images in this manual are for illustration purposes only.



Manufacturer's Declaration of Conformity

This product has been manufactured in accordance with the harmonized European standards, following the provisions of the below stated directives:

Electro Magnetic Compatibility Directive 2014/30/EU

Low Voltage Directive 2014/35/EU

Marsden Group Holdings Ltd.

Safety Instructions

Before putting this scale 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 product is not waterproof. We do not recommend using the scale in humid, damp or wet environments.
- 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.

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





Cleaning

- Please do not use corrosive liquids or large amounts of water to clean the scale.
- 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.
- Service contracts for scales are available from Marsden. Find out more by calling 01709 364296.

Display Symbols

	Scale in auto zero range (indication = accurate zero)
	Confirms that weight result is stable
kg , lb or oz	Scale in weighing mode; denotes units of reading
	Battery is low; approximately five minutes of operation remaining before the scale will power down
	The Net Weight is being display (NW) or the Gross Weight is displayed (GW)

Operation: Basic Functions

Switching the Scale on

Press ON/ZERO/OFF to power-on the scale. When the display shows zero it is ready for weighing.

Switching the Scale off

To switch the scale off, press and hold ON/ZERO/OFF. The scale will now power down.

Setting the Scale to Zero

If at any time the reading shows anything other than zero when there is nothing on the scale, you can reset the display by pressing ZERO once.

Operation: Advanced Functions

Hold Function

To stabilise the weight reading on the display, press HOLD and then add the item to the scale. The Hold function can be disabled by pressing HOLD again.

Tare Function

To remove the weight of an item from the display, such as a container, add the container to the scale and press TARE. The display will only register new items being added to the scale.

Unit Function

To change the weighing units on the display, press UNIT to toggle between kg, lb and oz.

Calibration Procedure

- 1) Turn the scale off.
- 2) Press and hold ON/ZERO/OFF then press UNIT key 3 times.
- 3) Release ON/OFF key, and display shows zero count.
- 4) Press TARE, display shows zero.
- 5) Press TARE again to enter calibration mode.2
- 6) In calibration mode, press UNIT key to select calibration weight unit (kg or lb).
- 7) Load calibration weight on platform.

For 150kg version, please use 100kg to calibrate

For 300kg version, please use 200kg to calibrate

- 8) Display shows span count.
- 9) Press TARE, display shows "CAL", and then shows calibration weight in normal mode.
- 10) Remove the weight; calibration is now finished.

For further help with the functions of this scale, please contact Marsden or your dealer.



Accuracy Assured

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