



ON BALANCE™



USER GUIDE

MARINE

Thanks for purchasing the MARINE Washdown Mini Scale!
This User Guide is designed to get you up and running quickly with your scale. Scales are precision instruments and require proper care and skill to get the best results. If you have questions or need support, visit us at <http://www.obsscales.com/support> or scan the QR Code on the back of this manual using your smartphone.

What's In The Box

User Guide



Two AAA
Batteries



Small Phillips
Head Screwdriver



MARINE digital
mini scale with
Cover/Tray



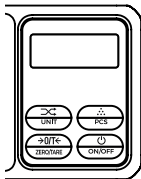
Key Descriptions

UNIT: Changes the weighing unit.
Hold to enter calibration mode (see Calibration).

PCS: Enters piece counting mode (see Counting Mode).

ZERO/TARE - Press to reset the display to zero.

ON/OFF - Turns the scale ON or OFF.



Things To Avoid



**Unlevel
Surfaces**



Vibration



**Radio
Frequency
Interference**



**Extreme
Temps**





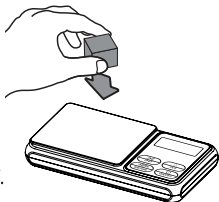
**Air
Currents**



This scale is washdown safe (IP65) and can withstand sprays of water. Do not submerge the unit under water.

Weighing Your First Item

1. Press the  key to turn the scale on.
2. Place your item on the centre of the weighing platform.
3. Take your reading from the display. You can press the **UNIT** key to convert between weighing units.
4. The scale's auto-off function will turn the scale off after 3 minutes of inactivity or you can press the  key to turn the scale off.



Auto - Off

By default, the scale will auto-off after 180 seconds of inactivity. To change or disable the auto-off timer:

1. Turn the scale off and hold down the **MODE** key, at the same time quickly press ON/OFF key 4/5 times until 180 is displayed, release the buttons.
2. Press the **MODE** key to cycle through your choices of 0/60/120/180 seconds. Then press **ON/OFF** to confirm.
3. The display shows **PASS**.

Counting Function

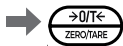
1. Place a sample quantity of 25, 50, 75 or 100 pcs of the item you want to count on the platform.
1. Press and hold the **PCS** key to enter counting setup.
2. Tap the **MODE** key to select your sample quantity.
3. Press the **PCS** key to confirm the sample qty and set the average piece weight (APW) in memory.
4. You may now place any quantity on the scale and view the piece count ('pcs' will show on the display).

Tare Function

The Tare function allows you to subtract the weight of a container so that the display only shows the weight of the contents.



Place an empty tray or container on the platform.



Press the **ZERO/TARE** key to subtract the container's weight.



Add items to the container to see their weight on the display.



NOTE: The weight of the container will subtract from the available capacity and will leave a negative value on the display once the weight is removed. Press **ZERO/TARE** again to return the display to zero.

Accuracy


Your scale comes calibrated from the factory and most users won't need to calibrate their scale for a long time. You should check your scale's accuracy periodically using calibration weights and perform calibration if necessary.

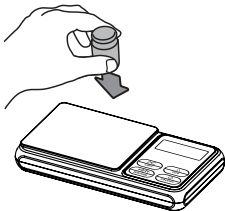


NOTE: Only use trusted calibration weights. Household items such as bottles and cans with weights printed on the side are not suitable for checking accuracy as these values are approximate and don't include the container weight (Net Weight).

Calibration

Calibration adjustment is permanent and should only be performed using accurate calibration weights that match the requirements for your scale (see the chart on back). Do not use coins or other household items to calibrate.

1. Prepare the required weight for your scale (see chart on back).
2. Find a flat and level surface to perform calibration and let the scale adjust to room temperature.
3. Press  to turn the scale on and wait for the scale to stabilise.
4. Press and hold the **UNIT** key until the display shows 'CAL'.
5. Make sure nothing is on the platform then press **UNIT** to confirm the zero point.
6. The display will then flash the required calibration weight (100g).
7. Place the required calibration weight on the centre of the platform.
8. The display will show 'PASS' then return to normal weighing mode. You may now turn the scale off or continue weighing.



Specifications

MAR-100

Max Capacity

100.00 g / 3.527 oz / 3.215 ozt /
64.30 dwt / 500.00 ct / 1543.2 gn

Readability

0.01 g / 0.001 oz / 0.001 ozt /
0.01 dwt / 0.05 ct / 0.2 gn

**Weighing
Units**

g, oz, ozt, dwt, ct, gn

Dimensions

Overall: 124 mm x 68 mm x 22 mm
Platform: 71 mm x 58 mm
Display: 33 mm x 13 mm

IP Rating

IP65

**Calibration
Weight**

100g (Sold Separate)

Power

2 x AAA Batteries (Included)

Warranty

3 Year Limited Warranty

For more information, including weighing tips and support, scan this code with your smartphone

Or visit us online at obscales.com/support/

