



MWS SERIES Waterproof Scales

Operation Manual



Note: Under the scale there is a breathable knob. Its default setting is for weighing. If you want to clean the scale, tighten the knob. After cleaning, release the knob for weighing

<p>When used for weighing, release screw to get normal pressure</p>	<p>When it needs to be cleaned, tighten screw to seal it</p>

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1. INTRODUCTION

The MWS series of waterproof scales consist of a stainless steel housing and a stainless steel platform. It has an exterior design of patented IP67 waterproof technology.

The MWS series use of very low amounts of power.

The keypads are light touch switches and the displays are large easy to read liquid crystal type displays (LCD).

Units include automatic zero tracking, tare and unit shift functions.

2. KEY FUNCTIONS

ZERO	Set the zero point for all subsequent weighing. The display shows zero.
TARE	Tares the scale. Stores the current weight in memory as a tare value, subtracts the tare value from the weight and shows the results. This is the net weight
UNIT	Press TARE key and ZERO key to together in the weighing mode
ON/ OFF	Turns on/ off the power

3. OPERATION

3.1 Zeroing the display

You can press the **ZERO** key at any time to set the zero point from which all other weighing and counting is measured. This will usually only be necessary when the pan is empty. When the zero point is obtained the zero indicator will appear.

The scale has an automatic re-zeroing function to account for minor drifting or accumulation of material on the platform. However you may need to press the **ZERO** key to re-zero the scale if small amounts of weight are shown when the platform is empty.

3.2 Tare

Zero the scale by pressing the **ZERO** key if necessary. The zero indicator will be on.

Place a container on the platform, a value for its weight will be displayed.

Press the **TARE** key to tare the scale. The weight that was displayed will be stored as the tare value. The value is subtracted from the display, leaving zero on the display. The "TARE" indicator will be on. As product is added only the weight of the product will be shown.

When the container is removed a negative value will be shown. If the scale was tared just before removing the container this value is the gross weight of the container plus all product that was removed.

The zero indicator will also be on as the platform will revert to the operating condition of when the **ZERO** key was last pressed.

3.3 Changing unit

Press the **TARE** and **ZERO** key together to change the weighing unit in the weight mode.

The relevant weighing unit mark turn on

4. PARAMETERS AND CALIBRATION

4.1 Entering setting mode

To set the parameters, turn on the weighing scales and hold the **TARE** key during self-checking, until the display show "F1 CAL".

4.2 Calibration

After entering settings mode, and setting the parameter. The display will show "F1 CAL". Press the **ZERO** key, display shows "UNLD", empty the platter, after the "STABLE" indicator turns on, press the **ZERO** key again. The display will show the calibrate weight. Press the **TARE** key to select the appropriate calibrate weight. After selection, put the calibrate weight on. When the "STABLE" indicator turns on, press the **ZERO** key to confirm. The display will shows "pass". The calibration will be complete.

4.3 Setting resolution

After entering setting mode, the display will show "F1 CAL". Press the **TARE** key, until the display shows "F2 RES", press the **ZERO** key to enter, and press the **TARE** key to select the resolution.

4.4 Changing capacity

After entering the settings mode, the display will show "F1 CAL". Press the **TARE** key until the display shows "F3 CAP". Press the **ZERO** key to enter, then the **TARE** key to select capacity. Press **ZERO** key to confirm.

4.5 Checking internal counts

After entering the settings mode, the display will show "F1 CAL". Press the **TARE** key until the display shows "F4 INP". Press the **ZERO** key to enter, display will show internal counts. Press the **TARE** key to return settings.

4.6 Automatic sleep-mode

In weighing mode, if the scale is unmoved, and there is no change of weight, the scale will enter sleep mode after a minute. Increasing the weight by 4d will re-wake the scale for use.