MARSDEN

USER MANUAL

I-400

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

Contents

Product Specification

Model	I-400
Units of Measure	Kg
Function Keys	HOLD, TOTAL, LB/KG, GROSS, TARE, ZERO, PRINT/ON/OFF
Stabilization Time	1-2 Seconds
Operating Temperature	-10 to 40°C
Protection level	IP5X
Power Supply	6V4Ah battery 100-240V mains adaptor
Indicator Display	32mm LED display with 6 active digits

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.

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. While it can be used outside, 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.
- You can book an accuracy check with the Marsden Service team on 01709 364296.

Before using the Scale

- The scale's indicator, the I-400, can use power from the 6V4Ah rechargeable battery, or can be powered from the mains via the AC adaptor.
- Ensure the indicator and scale are connected via the cables provided prior to use.
- Once switched on, the scale is only ready to use once the display shows 0.000.

Levelling the Scale

Please ensure the platform is on a level surface before starting to weigh. An un-level surface for weighing could result in inaccurate readings.

Operation: Basic Functions

Switching the Scale on/off

With the indicator connected to the platform, press PRINT/ON/OFF to power-on the scale. When the scale shows 0.000 it is ready for weighing.

To switch the scale off, press and hold PRINT/ON/OFF for three seconds. The scale will now power down.

Setting the Scale to Zero

If at any time the reading shows anything other than 0.000 when there is nothing on the scale, you can reset the display by pressing ZERO once.

Operation: Advanced Functions

Hold Function

With the scale switched on, add an item to the scale.

Press HOLD once. The scale will lock onto and stabilise the weight reading for the item. The reading will remain displayed after the item is removed.

Press HOLD again to disable the Hold function and return the scale to 0.000.

Tare Function

Place the item you wish to deduct the weight of (such as a pallet or crate) on the scale and press TARE.

The scale will show a minus reading.

Weigh as normal and the negative weight reading will be deducted from the total weight.

Press GROSS again to disable the Tare function and return the scale to 0.000.
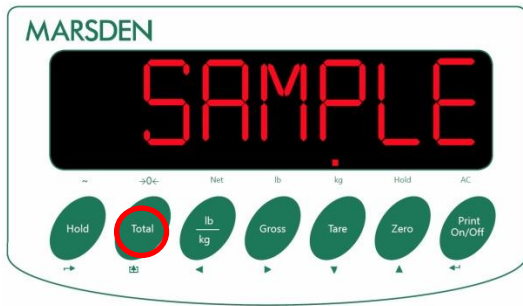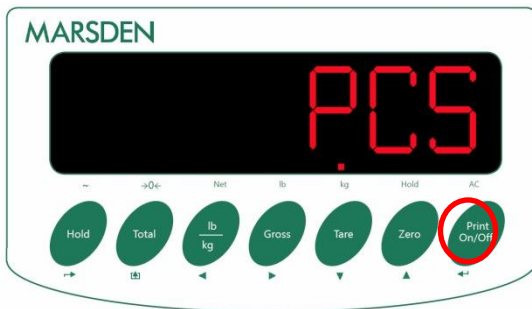
Switching Between Kg and lb

To switch the weight reading between kg and lb, press LB/KG.

The LED panel will indicate whether the reading is showing in kg or lb as shown on the left.

Counting Function

To count items on the scale, first place a sample quantity on the scale. Switch the indicator to count mode by pressing TOTAL, holding the button until 'SAMPLE' is displayed

Press PRINT/ON/OFF. 'PCS' will display on the screen.

Use the LB/KG and GROSS keys for left and right and TARE and ZERO as up and down to input the sample size.

To confirm the amount, press PRINT/ON/OFF. The display will show the weight from the sample used. Press hold to show count figure. Adding more items will increase the count on the display.

Press HOLD to switch between normal weighing and counting function.

Accumulation Function

You can use the scale to total up several loads. Add your first item to the scale and press TOTAL. Remove the pallet from the scale.

Add the next item to the scale and press TOTAL again.

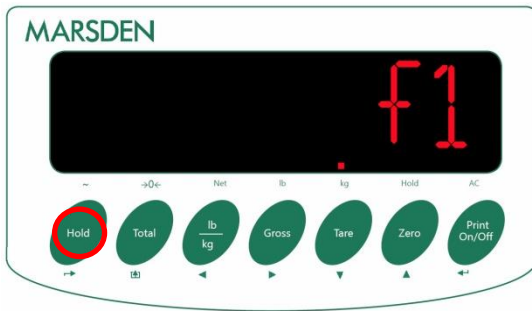If you would like to see the current total at any time, press and hold TOTAL for at least two seconds.

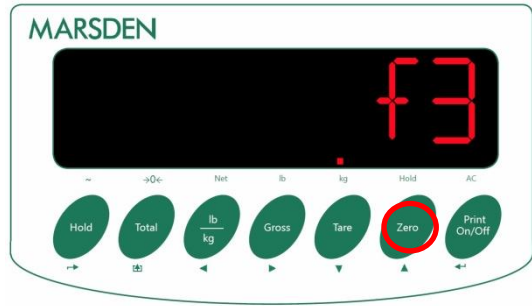To clear accumulation readings press ZERO.

Press HOLD to return to normal weighing mode.
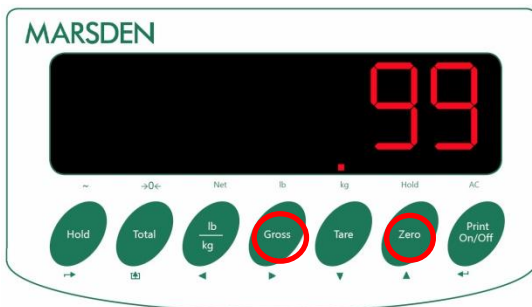
Setting the Screensaver

To save battery power, the screen can power off after a set period of time. To set the time out function, with the indicator switched on and nothing on the scale, press and hold HOLD until 'F1' is displayed.

Press and hold ZERO until 'F3' is displayed.

Press and hold PRINT/ON/OFF until 'F3.1' is displayed. Press PRINT again.

Using GROSS and ZERO, set the time out period you require (between 0 and 99 minutes).

Press PRINT/ON/OFF once and HOLD twice to set the time out period and return to normal weighing mode.

Note: If the scale is inactive for 150 minutes or more, it will automatically power off.

Error Messages

Display	Problem	Solution
〖 _EEE 〗 〖 EEE 〗	Unable to reset after start up	Ensure there is nothing on the scale when switching on
〖 ⌐⎺⎺⎺⎺⌐ 〗	Possible scale overload	Remove weight from the scale
〖 ∟_____⌐ 〗	Scale is below zero	Press zero to re-zero the scale
〖 ⌐⎺∏◻⎺⌐ 〗 〖 ∟_∏◻_⌐ 〗	Out of balance range	Remove any weight from the scale and try again
〖 --∏◻-- 〗	Invalid operation	
〖 Err 03 〗	EEPROM error	Switch the scale on again; if the error message still shows, contact your dealer/Marsden
〖 Err 09 〗	AD initialization error	Switch off the scale and restart. If the error occurs again, contact your dealer/Marsden

Accuracy Assured

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