

MARSDEN

USER MANUAL

PB-1200-I-400-APP

UF-1200-I-400-APP

MSS-I-400-APP

DT-I-400-APP

P-I-400-APP

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



Contents

Product Specification	3
Safety Instructions	4
Before Using the Scale	4
Operation: Basic Functions	5
Operation: Advanced Functions	6
Setting the Screensaver	10
Error Messages	11

Product Specification

Model	PB-1200-I-400-APP UF-1200-I-400-APP MSS-I-400-APP DT-I-400-APP P-I-400-APP
Capacity	PB-1200-I-400-APP: 600kg; 1500kg UF-1200-I-400-APP: 600kg; 1500kg MSS-I-400-APP: 3kg to 150kg DT-I-400-APP: 600kg; 1500kg P-I-400-APP: 600kg; 1500kg; 3000kg
Graduations	PB-1200-I-400-APP: 0.2kg; 05kg UF-1200-I-400-APP: 0.2kg; 05kg MSS-I-400-APP: 1g to 50kg DT-I-400-APP: 0.2kg; 05kg P-I-400-APP: 0.2kg; 05kg; 1kg
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	Mains
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 using the scale, please read with care the information given in this user manual, which contains important instructions for proper installation, use and maintenance.

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 routine maintenance. However, we recommend checking accuracy regularly. If inaccuracies occur, please contact your service partner.
- If you're in the UK, you can book an accuracy check with the Marsden Service team. Email service@marsdengroup.co.uk for more information.

Before Using The Scale

- The scale's indicator, the I-400-APP, must be connected to the mains for operation.
- 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.
- If using the PB-1200-I-400-APP, ensure the beams are placed the correct distance apart for the item you wish to weigh.
- This scale is fitted with adjustable levelling feet. Please adjust these accordingly to ensure the scale is level. An unlevel surface could result in inaccurate readings.

Operation: Basic Functions

Switching the Scale on/off



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 indicator 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.

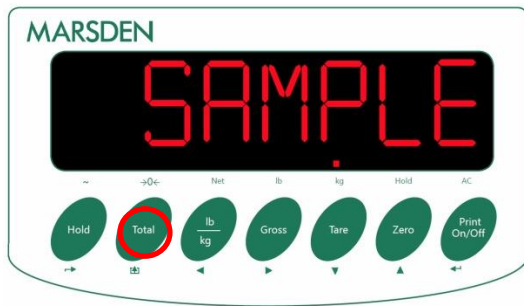


Weigh as normal and the negative weight reading will be deducted from the total weight.

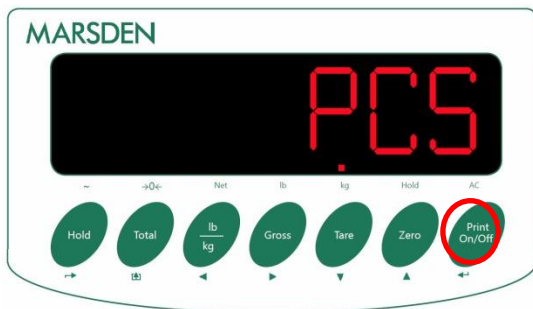


Press HOLD again to disable the Hold function and return the scale to 0.000.

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. Adding more items will increase the count on the display.



Press HOLD to return to weighing mode.

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.

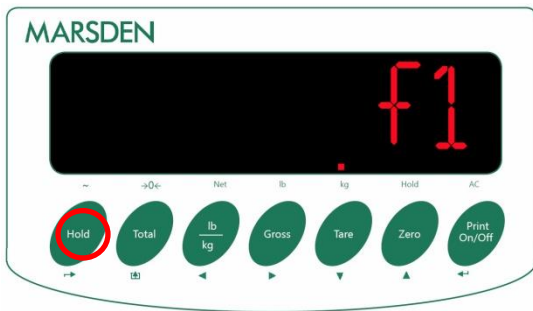


To clear accumulated readings press ZERO.

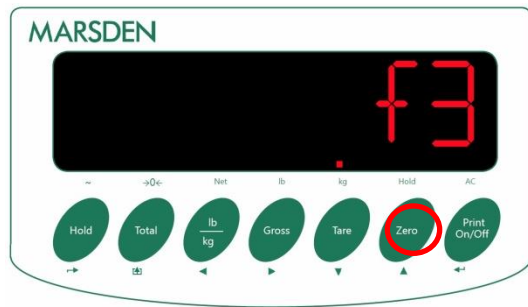


Press HOLD to return to normal weighing mode.

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
<p>【 _EEE 】</p> <p>【 EEE 】</p>	Unable to reset after start up	Ensure there is nothing on the scale when switching on
【 r-----j 】	Possible scale overload	Remove weight from the scale
【 L-----J 】	Scale is below zero	Press zero to re-zero the scale
<p>【 r-n0-j 】</p> <p>【 L-n0-J 】</p>	Out of balance range	Remove any weight from the scale and try again
【 --n0-- 】	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

Tel: +44 (0) 1709 364296

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