

# MARSDEN

## Marsden PT-700 User Manual



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

## Contents

Product Specification .....	3
Safety Instructions.....	3
Cleaning .....	3
Maintenance.....	3
Before Using the Scale .....	3
Explanation of Graphic Symbols .....	4
Dimensions.....	5
Function keys .....	6
Operation - Switching on the scale .....	7
Operation - Using Hold.....	7
Operation - Using Tare .....	7
Operation - Switching between kg and lb.....	7
Operation - Using Zero.....	7
Operation - Using Accumulation.....	7
Operation NB (PT-700 only): .....	8
Charging the scale.....	8
Using The Printer .....	9
Replacing the printer's tally roll.....	9
Error messages .....	10

## Product Specification

Model Number	Marsden PT-700
Capacity/Division	2000kg x 500g
Inner Resolution	1 million
Weight of Scale	Approximately 125kg
Dimensions	Length – 1470mm Width – 545mm Width between forks – 220mm Fork to ground 78mm
Indicator	HL318L with 6-digit 32cm LED display and seven function keys
Protection Level	IP5X
Battery	6V4Ah
Adaptor	Voltage – 100-240VAC Current – 0.1A
Operating Temperature	-10°C - 40°C
Print Output	Weight, count, net weight, gross weight, tare weight, accumulation

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

## 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.
















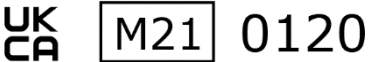
## Maintenance

- 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](mailto: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.
- 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.



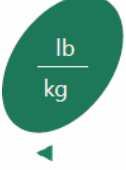




## Explanation of Graphic Symbols

	Caution, consult accompanying documents before use		Separate collection for waste of electrical and electronic equipment, in accordance with Directive 2002/96/EC
	Manufacturer of medical device		Manufacturing year of medical device
	Carefully read user manual before installation and usage, and follow instructions for use.		Medical electrical equipment with Type B applied part
	Device catalogue number		Authorized representative in the European Community
	Manufacturer's batch or lot number		Device is a medical device
	Serial number		Unique Device Identifier
		Device conforms to 93/42/EEC as amended by 2007/47/EC Medical Device Directive. Four digit number refers to Notified Body.	
		Device complies with International Organization of Legal Metrology (Class III) requirements (verified models only)	
		<p>Device complies with EC directives (verified models only)</p> <p><b>M:</b> Conformity label in compliance with Directive 2014/31/EU for non-automatic weighing instruments</p> <p><b>19:</b> Year in which conformity verification was performed and the CE label was applied. (ex: 19=2019)</p> <p><b>0122:</b> Refers to Notified Body for metrology</p>	
		<p>Device complies with UK Regulation.</p> <p><b>M:</b> Non-Automatic Weighing Instruments Regulations 2016.</p> <p><b>21:</b> Year in which conformity verification was performed and the CE label was applied. (ex: 21=2021)</p> <p><b>0120:</b> Refers to the Approved Body for metrology</p>	

## Dimensions



## Function keys

	<p><b>Hold</b></p>	<p>Hold of weight function Hold of weight reading on the indicator screen</p>
	<p><b>Total</b></p>	<p>Accumulation function Add up multiple separate weights</p>
	<p><b>Lb/Kg</b></p>	<p>Units conversion function Switch between weight displayed in kg and lb</p>
	<p><b>Gross</b></p>	<p>Tare function cancel key Cancel a previously entered tare weight</p>
	<p><b>Tare</b></p>	<p>Tare function Remove unwanted weight from the reading, such as a pallet</p>
	<p><b>Zero</b></p>	<p>Scale re-zero function Return the scale to a zero reading</p>
	<p><b>Print/On/Off</b></p>	<p>On/Off button; print function Power up or power down; print weight or count data</p>

### **Operation - Switching on the scale**

- Press and hold the PRINT/ON/OFF button for three seconds.
- The display will show '0.00' once the scale is ready to begin weighing.

### **Operation - Using Hold**

- If an unstable weight on the scale causes fluctuations in the weight display, press the HOLD button and the indicator will 'lock' the weight of the item on the screen.
- Press HOLD again to cancel the held weight reading.

### **Operation - Using Tare**

- You can remove the weight of the pallet by using the TARE function. Place the pallet only on the scale, and press TARE.
- Remove the pallet. The display will show the pallet's weight as a minus number.
- Add your palletized goods to the scale and the weight of the pallet will be removed.
- Press GROSS and the display will show the full weight on the scale.
- Press TARE again to cancel the tare weight.

### **Operation - Switching between kg and lb**

- To switch the scale from kg to lb, press LB/KG.
- Press again to return to KG readings.

### **Operation - Using Zero**

- If at any time the indicator shows a reading when nothing is on the scale, press ZERO.
- The display will then show a zero reading.

### **Operation - Using Accumulation**

- The accumulation function allows you to add up the weights of several pallets.
- 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 print the individual weights and a total, press PRINT/ON/OFF.
- To clear accumulation readings press ZERO.
- Press HOLD to return to normal weighing.

**Operation NB (PT-700 only):**

- Pressing PRINT whilst under target will print weight and state as 'less'
- Pressing PRINT whilst at target will print weight and state as 'OK'
- Pressing PRINT whilst over target will print weight and state as 'over'

**Charging the scale**

The PT-700 is supplied with a 7v 100ma tip +ve adaptor, which plugs directly into the indicator.

Please allow eight hours for the internal rechargeable battery to reach full charge from flat.



## **Using The Printer**

- Once the PT-700 is bearing the load, press the PRINT key once to produce a physical print out of the weight.










## **Replacing the printer's tally roll**

Simply pull the lever down on the top right hand side of the printer and the front cover of the printer will release.

Remove the tally carefully and replace with a new one supplied by Marsden, ensuring the end of the tally roll is lined up with the opening of the printer.

For replacement tally rolls call 01709 364296.

## Error messages

Display	Problem	Solution
 	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	
	EEPROM error	Switch the scale on again; if the error message still shows, contact your dealer/Marsden
	AD initialization error	Switch off the scale and restart. If the error occurs again, contact your dealer/Marsden







## **MARSDEN**

Unit 1, Genesis Business Park,  
Sheffield Road, Rotherham,  
S60 1DX

Telephone: + 44 (0) 1709 364296

Version 1.0