

MARSDEN

USER MANUAL

TP-2100

Please take time to read these instructions before starting to use this product



Contents

Product Specification	3
Safety Instructions	4
Product Structure	5
Operation Instructions	6
Changing the Print Roll	7
Error Messages	8
Manufacturer's Declaration of Conformity	9

Thank you for purchasing a Marsden professional medical product.
 Considerate use will result in many years of accurate weighing.
 Please read the information in this manual before you begin using
 your TP-2100 Thermal Printer.

Product Specification

Model	TP-2100
Printing Method	Thermal dot line
Number of Dots	384 dot/line
Resolution	8 dot/mm
Print Width	48mm
Max Paper Thickness	80µm
Paper	57.5±0.5 mm (W) x ψ30mm max
Paper Loading	Easy loading
Printing Speed	75mm/s
Dimensions	120mm x 80mm x 50mm
Operating Temperature	0°C to 50°C (printer movement) 0°C to 40°C (printer)
Operating Humidity	20% to 85% (printer movement) 15% to 85% (printer)
Interface	Conforms to RS-232
Voltage Range (Adaptor)	12V 2A

Safety Instructions

Before putting the device 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 device is designed for use indoors.
- Observe the permissible ambient temperatures for use.

The printer and power supply should never be operated in a location where either one can get wet. Personal injury could result.

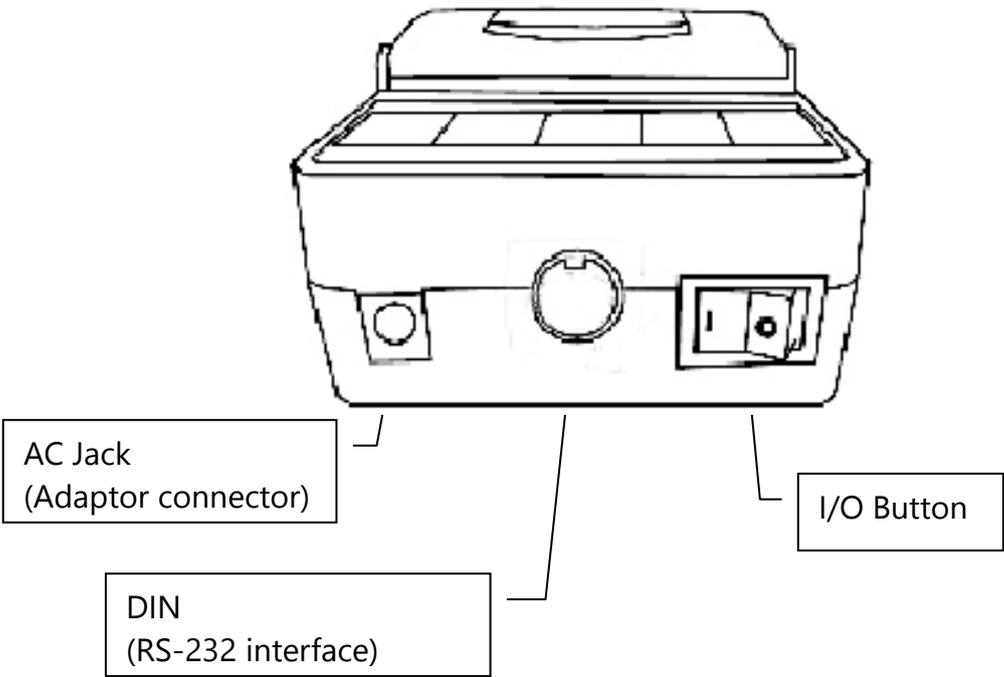
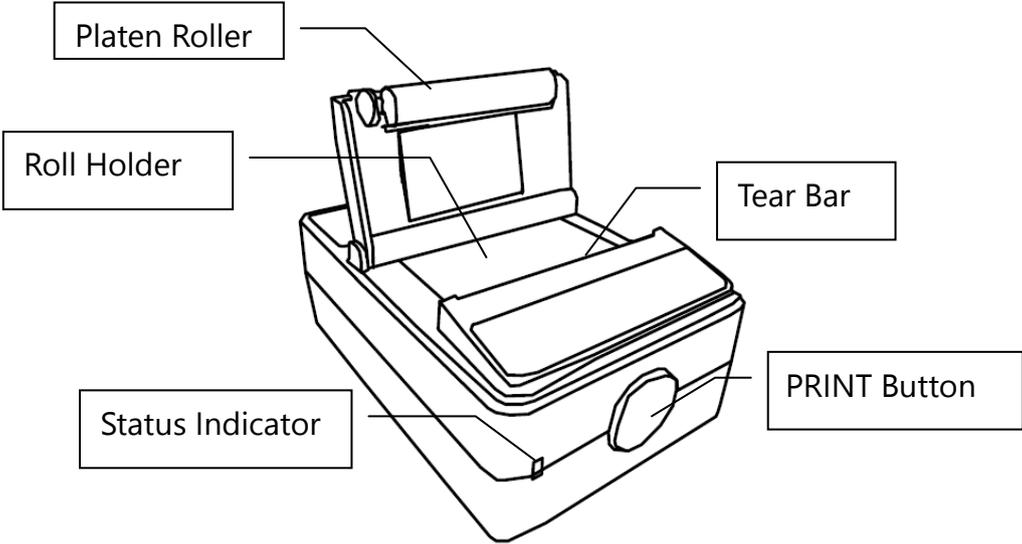
Only use a genuine Marsden TP-2100 adaptor to power this printer.

Always use high quality Marsden approved paper print roll. The approved product can be ordered from your dealer or online at www.marsden-weighing.co.uk.

If the printer runs out of paper roll while printing, switch the power off and load a new paper roll. Power on and press PRINT again.

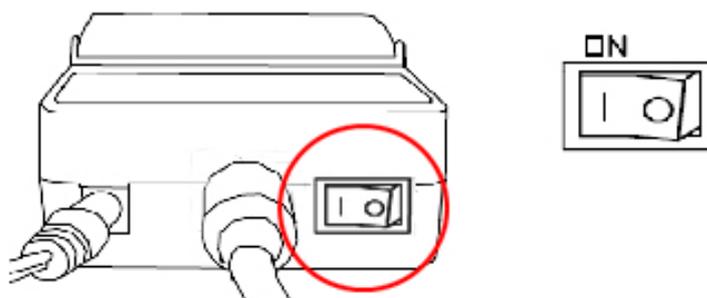
If you are in the UK, service contracts are available from Marsden to keep your scale accurate and reliable for longer. Call 01709 364296 for more information.

Product Structure



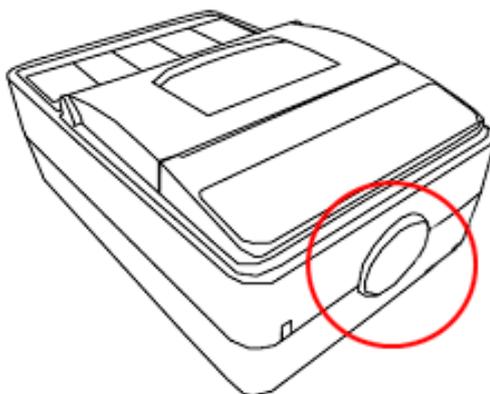
Operation Instructions

Connect the AC Adaptor and interface cable. Press the I/O button to power on the printer.



The TP-2100 printer can be connected via the RS-232 port and cable to the Marsden DP-3800/DP-3810 Indicator.

Press PRINT.

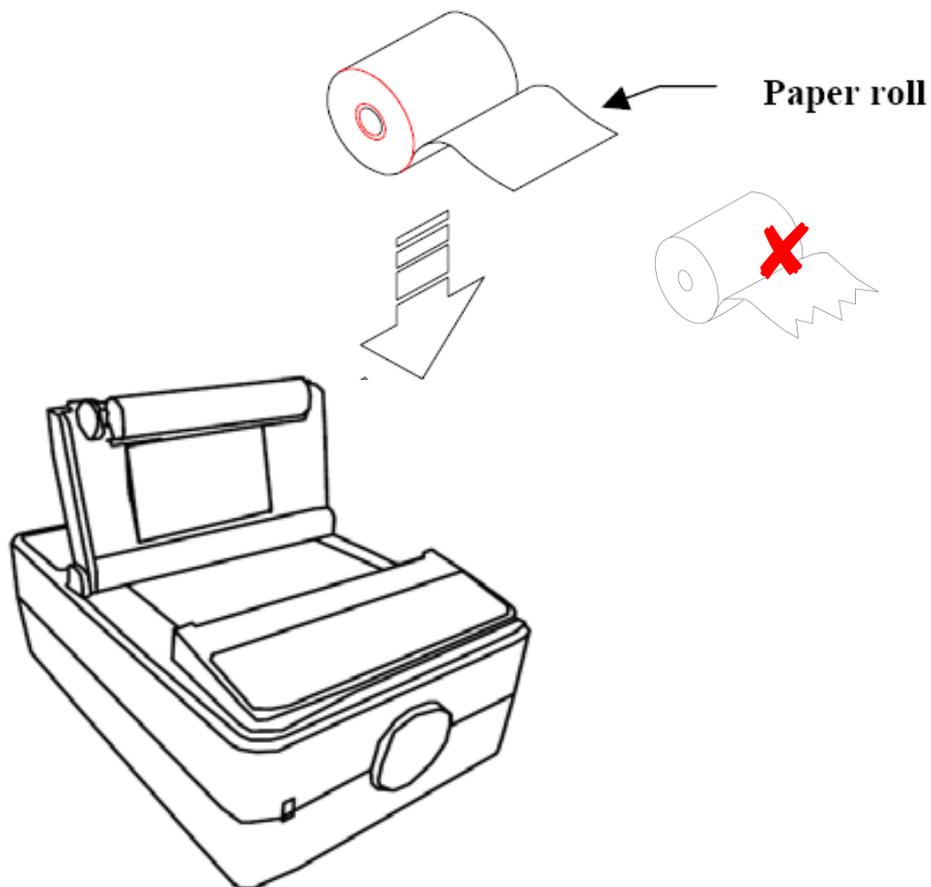


The TP-2100 will begin printing.



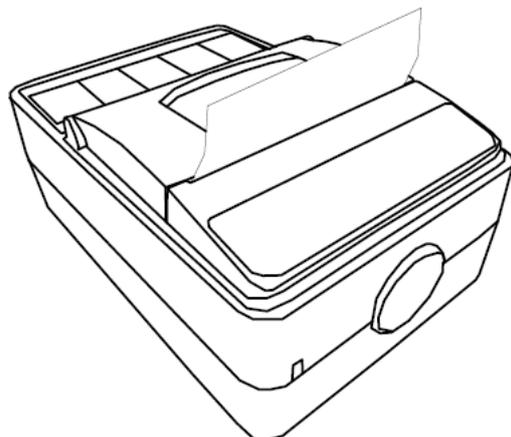
Changing the Print Roll

Open the upper cover and position the paper roll so that it feeds in the right direction.



WARNING: Make sure the paper edge is straight before inserting it into the printer.

Feed the end of the paper roll through the printer cover and close the cover. The printer is ready to print.



Error Messages

Problem	Solution or Reason
Status indicator does not light up when power switch is turned to ON (I) position.	Check the power connections from AC outlet to the printer power supply.
Status indicator is green, but the printer will not print (red light also showing).	Check interface cable connections from the scale to the printer. Make sure the top cover is closed and locked.
Printer paper jammed.	Reset the paper roll. Please refer to Changing the Print Roll (Page 7).
Status Indicator is red.	Printer is out of paper. Reload a new print roll so the printer can continue printing. Please refer to Changing the Print Roll (Page 7).
Status Indicator is flashing red continuously.	Voltage overload/too low on printer core. Allow the printer to cool down. When the light shows green, the printer can be used again. Please also ensure that you are using the correct adaptor.
Status Indicator is orange.	The printer may be overheating. Allow the printer to cool down. When the light shows green, the printer can be used again.

Manufacturer's Declaration of Conformity



Manufacturer's Declaration of Conformity

This product has been manufactured in accordance with the harmonized European standards, following the provisions of the below stated directives:

Electro Magnetic Compatibility Directive 2014/30/EU

Low Voltage Directive 2014/35/EU

FCC CLASS B Declaration of Conformity

This device complies with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules



Accuracy Assured

Tel: 01709 364296 / 0800 169 2775

Fax: 01709 364293

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