

## Medline Melting Point Apparatus (400°C)

**Product Code:** MD400C

**Brand:** Medline Scientific

Used to measure melting points, the advanced Medline Melting Point Apparatus (400°C) has a measurement range of up to 400°C. The temperature is controlled using PID and PWM.

This apparatus can be used in the production of medicines, dye-stuffs, perfumes, and other organic crystal substances.

### Features:

- Touch-screen.
- Uses PID and PWN to control the temperature.
- USB and RS-232 interface.
- Automatically records the melting curve.
- Three samples can be measured at the same time and calculate the average value of initial and final melting points automatically.



### Specifications:

<b>Measurement Range - Room Temperature (°C)</b>	Amb. +400
<b>Minimum Digital Display (°C)</b>	0.1
<b>Size of the Capillary (mm)</b>	Ø 1.4 (outside), Ø 1.0 (inside), 80 (length)
<b>Loading Height of the Sample (mm)</b>	3
<b>Linear Heating-Up Rate</b>	0.1°C to 20°C/min.
<b>Accuracy</b>	< 200°C: ± 0.5°C > 200°C: ± 0.8°C
<b>Dimensions (w x d x h)</b>	440 x 490 x 320mm
<b>Weight (kg)</b>	11.5

Unit 3, Tower Business Park  
Warpsgrove Lane  
Chalgrove  
Oxfordshire  
OX44 7XZ

Tel: (+44) 01865 400321

Email: [enquiries@medlinescientific.com](mailto:enquiries@medlinescientific.com)

Website: [www.medlinescientific.com](http://www.medlinescientific.com)