

DMP100 Melting Point



The Afon **DMP100** Melting Point Device is a convenient, safe, fast and easy to use digital product that determines the melting point of a substance without the need for a mercury thermometer.



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DMP100

Digital Melting point device



The Afon DMP100 Melting Point Device is a convenient, safe, fast and easy to use digital product that determines the melting point of a substance without the need for a mercury thermometer. The DMP100 makes measurement simple and is ideal for use in educational chemistry labs. It can be an indispensable bench top tool for the modern science education laboratory and for select industrial application areas such as quality control testing for the purity of pharmaceutical and other organic crystalline solids. Priced economically with a 3 year warranty, the DMP100 features include:

- Space saving compact design.
- Digital LED temperature display with 0.1°C resolution.
- 3 indicator lights (Heating, Fast, Slow) advising the procedure in process.
- Heating block with plastic cover to protect the user; cover is easily removed for cleaning.
- Magnifying lens that allows a view of up to two samples illuminated clearly by a built in LED light.
- Adjustable Slow Speed temperature ramp rate from 1°C to 10°C.
- Fast Stage temperature set that saves time prior to carrying out the melt procedure.
- Metal feet that extend and help provide an appropriate viewing angle.
- "Read" button that captures the melt temperature allowing for an accurate recording



The DMP100 includes an Operations Manual with detailed use instructions and one pack of 100 glass capillary tubes, closed on one end.

Technical Specification

Dimensions:	6.3 x 8.7 x 6.7" (l x w x h)
Weight	4lb
Electrical Supply	120V, 60Hz
Temperature Range	Ambient Temperature to 300°C
Accuracy of	+/- 1°C at 20°C; +/- 2.5°C at 300°C
Digital Display/Resolution	4 Digit LED/0.1°C
Temperature Ramp Rates	
Fast Temp Set	<= 20°C (depending on Set)
To Melt	Between 1°C and 10°C
LED Indicator Lights	

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Ordering Information

Cat No.	Description
DMP100	Melting point device, with pk/100 melting point tubes, closed at one end.
DMP100/10	Glass melting point tubes, pk/100, closed at one end