

# Digital Melting Point Determination Apparatus

Magnifying Lens & LED Backlight Allow for Clear Sample Observation



## Reliable and Accurate Measurements Over a Long Service Lifetime.

Digital melting point apparatus features a robust design which will withstand heavy everyday use while providing excellent accuracy in melting temperature measurements. This unit is the perfect choice for undergraduate chemistry or professional research labs, as well as for pharmaceutical and biotechnical companies.

The CG-1839-R is a "heated aluminum block"-type melting point determination apparatus designed for standard capillaries. Three embedded platinum RTDs (resistance temperature detectors) are implemented to provide reliable and accurate measurements over a long service lifetime. The CG-1839-R carries out smooth, oscillation-free temperature ramping (1.5, 3, 6 and 12°C/min), so a user can observe the melting process with little effort or intervention. Rapid cool off with the embedded fan enables rapid consecutive trials. Cooling 250 to 45°C in typical conditions takes ~10min. The durable glass magnifying lens and bright LED backlight allow for clear sample observation.

- Robust Design
- Embedded Platinum RTDs
- Reliable & Accurate
- Oscillation-Free Ramping
- Rapid Cool Off
- Clear Sample Observation



Where chemistry meets biology.

Order by phone, fax or web:

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### Specifications

Number of Samples.....	6 Simultaneously
Temperature Range (°C).....	30 to 250
Temperature Accuracy (°C).....	± 0.5
Display.....	Four Digit LED
Display Resolution (°C).....	0.1
Ramp Rates .....	1.5, 3, 6 and 12°C/min Heating Rates
Dimensions (mm) .....	127 x 64 x 121
Weight (lbs) .....	.2
Power Requirements.....	115V, 50/60 Hz

Part Number	Description	Price
CG-1839-R-10	Digital Melting Point Apparatus	549.00*

\*Not subject to discount.

FN5M0314 CG-14021