

Melting-Point Apparatus AMP2A/2 Series



This CMP 2A/2 melting point apparatus is an automatic, uncomplicated, and accurate process for determining a sample's melting point. The starting temperature and heating rate are selected with a touch of the function keys. Simply place 1-3mg into disposable sample tube and insert into instrument; the rest is automatic. When the melting point is achieved, a visual and audible signal is given and the temperature is displayed. The CMP 2A/2 makes use of the optical behavior of substances to detect their melting point, i.e., it measures the reflection of incident light in the crystalline state and the increase in light transmittance while heating. RS-232C interface capability allows connection to the GA42 printer for GLP applications.

Feature

- Measurement of melting point is one of the important of measurement of purity.
- To be used in production of medicines, dye-stuffs, perfumes and other organic crystal substances.
- Photoelectric test.
- LCD Display, entry by digital keyboard and direct display of melting curve.
- CMP 2A / 2 can measure three samples at the same time and calculate average value of initial and final melting points automatically.
- RS 232

Application

Melting Point Apparatus measures the melting point of a substance i.e. the temperature at which the state of the substance changes from solid to liquid. The actual melting point is an indication of the purity of a substance and hence an ideal tool for the quality control of medicines, perfumes, dyestuff and other organic crystalline substances.

Model	AMP 2A/2
Melting-Point Measurement range	Room Temperature - 300°C
Minimum Digital Display	0.1°C
Linear Heating-up rate	0.2, 0.5, 1.0, 1.5, 2, 3, 4, 5°C/min
Accuracy	<200°C : ±0.5°C, 200 - 300°C : ±0.8°C
Weight (Gross)	11 kg
Overall Dimensions (mm)	510 x 380 x 360

Specification are subject to change without prior notice.
Images shown are for illustrations purpose only.

WORLD WIDE MARKETING

ACZET PVT. LTD.

Unit E2, Plot No. 15, WICEL Estate, Opp Seepz Gate Nol. 1, Andheri (E), Mumbai 400 093. (INDIA)
Tel. : +91-22-4243 7700 • Fax : +91-22-4243 7800 • E-mail : sales@aczel.com • Web : www.aczel.com