

Hollow Glass Dew Point Meter

This electronic meter detects condensation on the interior of hollow glass samples. It determines if the dew point is within acceptable limits under standard test conditions.



Overview

Precision Dew Point Measurement

This electronic hollow glass dew point meter is engineered to detect condensation on the inner surfaces of hollow glass samples under standard test conditions. Utilizing advanced semiconductor refrigeration technology, it offers rapid, accurate cooling without the need for volatile ice, making it suitable for both laboratory and field use. The system features an integrated control unit and a flexible, high-precision PT100 temperature probe for reliable quality control.

Technical Specifications

Probe Operating Temperature

-60 °C

Min Temperature

-40 °C

Max Temperature

Probe Diameter	50 mm
Temperature Resolution	0.1 °C
Digital Thermometer Range	-65°C to +50°C
Max Power Consumption	1 KW
Operating Voltage	AC220V 50Hz

Dimensions & Environment

Standard Test Environment

- Temperature: 23°C ± 2°C
- Relative Humidity: 30% to 75% RH

Max Specimen Size	510mm × 360mm
Control Box Dimensions	470mm × 550mm × 700mm

Compliance & Features

Key Features

- Semiconductor three-stage refrigeration technology
- Detachable probe and refrigeration unit
- Automated control system
- High-precision PT100 temperature probe
- PID temperature control regulator

Compliance Standards	GB/T11944-2012, CE, ISO 9001:2000
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