

# RTD Thermometer

Model: 305

## Features:


- CE-Mark approval
- Portability and simplicity one-hand operation
- Highly accurate thermometer
- Display back-light feature
- Reading HOLD & MAX function
- Attached with Pt385/100Ω probe

## Applications:

- Greenhouse
- Office environment
- Labs
- Environment studies
- Weather monitoring
- Art galleries/Museums
- Department store
- Workshops

## Specifications:

Display: 3½ digit liquid crystal display (LCD) with a maximum reading of 1999.

Low battery indication: The "  " is displayed when the battery voltage drops below the operating level.

Measurement rate: 2.5 times/second.

Operating environment: 0°C to 50°C, <70% R.H..

Storage environment: -20°C to 60°C, 0 to 80% R.H. with battery removed from meter.

Accuracy: Stated accuracy at 23°C±5°C, <75% R.H..

According to temperature standard ITS-90.

Input Protection: 24V dc or 24V ac rms maximum input voltage on any combination of input pins.

Input Connector: Accepts standard miniature 3-prong connectors (flat blades spaced 7.9mm, center to center).

Dimensions: 156mm(H) x 65.5mm(W) x 35mm(D).

Weight: Approx. 195g. (including RTD probe and batteries)

## Electrical:

Temperature Scale: Celsius or Fahrenheit user-select-able

Measurement Range: -50°C to 200°C, -58°F to 200°F

Resolution: 0.1°C, 0.1°F

RTD-type (Pt385/100Ω RTD temperature sensor)

Accuracy: Accuracy is specified for operating temperatures over the range of 18°C to 28°C (64°F to 82°F), for 1 year, not including RTD probe error.

±0.5°C / ±1°F on all ranges (only meter accuracy not include RTD probe accuracy.)

RTD Probe Accuracy: ±1°C: on -50 °C to 100°C, -58 °F to 200°F  
±1.5°C: on 100 °C to 200°C



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