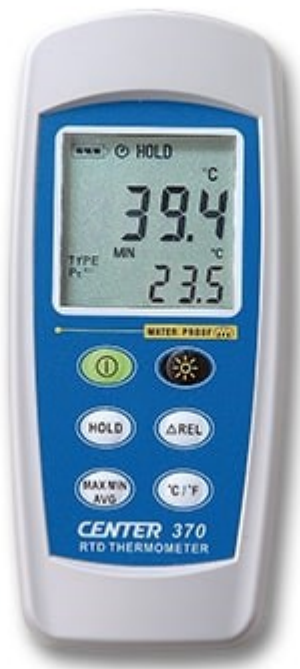


CENTER 370 RTD THERMOMETER

The CENTER 370 is a handheld thermometer containing a 4 wire PT100. Moreover, the single RTD sensor is waterproof with a rating of IP67, making it a suitable choice for applications in the food industry.



Accuracy: at (23 ± 5°C) -100°C ~ 300°C ± (0.1% reading + 0.4°C) -148°F ~ 572°F ± (0.1% reading + 0.8°F)

Temperature Coefficient: For ambient temperatures from 0°C ~ 18°C and 28°C ~ 50°C, for each °C ambient below 18°C or above 28°C add the following tolerance into the accuracy spec. 0.01% of reading + 0.03°C (0.01% of reading + 0.06°F)

Sample Rate: 2 times per second Water resistance:

IP67 Dimension: 150 × 66 × 31mm

Weight: 175g Approx.

Accessory: Pt-100 Probe (class A), Battery, Instruction Menu

Option: Connection Cable Power requirement:

Battery: 1.5V X 3 size AAA

Battery Life: Approx. 100hours with alkaline battery

Numerical Display: 4 digital liquid crystal display

Measurement Range: -100°C ~ 300°C; -148°F ~ 572°F

Resolution: 0.1°C; 0.1°F;

Sensor types: Platinum resistance temperature sensor for pt-100, pt-500, pt-1000

Measurement current: Approx 0.53mA Maximum Voltage at Temperature couple

Input: 60V DC, or 24Vrms AC

Environmental:

Operating Temperature and Humidity: 0°C ~50°C (32°F ~ 122°F) ; 0 ~ 80% RH Storage

Temperature and Humidity: -10°C to 60°C (14°F ~ 140°F); 0 ~ 80% RH Altitude up to 2000 meters.

FEATURES

- IP67 Waterproof Housing to Work for Almost All Kinds of Environments
- PT Temperature Sensor for Less Environmental Dependent Reading
- Adapt For PT100, PT500 And PT1000 Sensors with a Value Of 3850
- Max/Min/Avg Function
- LCD Back Light
- °C, °F Scale Selectable And 0.1°C, 0.1°F Resolution
- 3 Sectors Battery Life Indicator

APPLICATIONS

- Greenhouse
- Office environment
- Labs
- Environment Studies
- Weather Monitoring
- Workshops
- Department Stores
- Food Industry

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ISO 9001
BUREAU VERITAS
Certification

