



RTD-10 RTD Thermometer

The RTD probes are preferred for industrial process applications. They typically provide higher accuracy than thermocouples and maintain stability for many years.

- RTD dual input function
- Pt3916/Pt3926/Pt385 RTD standard
- °C/°F user-selectable
- MAX/MIN with elapsed time, AVG, REL, HOLD functions
- Warning beeper with Hi/Lo setting
- Resolution 0.1°C to 0.2°F

No hassle warranty

No waiting.

*No shipping
charges.*



Our commitment to high-quality products and customer service is demonstrated by our industry exclusive "No Hassle" warranty. In the unlikely event that an Amprobe Test Tool requires warranty service, any of our local dealers are authorized to replace it, on the spot.

(note: \$500 MSLP limit)



RTD-10 RTD Thermometer

Data Sheet

General Specifications

Display	4½ digit liquid crystal display (LCD) with maximum reading of 19999.
Polarity	Automatic, positive implied, negative polarity indication.
Low Battery Indication	The "⚡" is displayed when the battery voltage drops below the operating level.
Measurement Rate	1 times/second.
Auto Power Off	30 minutes
Operating Environment	0°C to 50°C (32°F to 122°F) at <70% R.H.
Storage Environment	-20°C to 60°C (-4°F to 140°F), 0 to 80% R.H. with battery removed from meter.
Accuracy	Stated accuracy at 23°C ±5°C, <75% R.H.
Battery	1.5V x 4pcs AAA size
Dimensions	L241.3 X W158 X 76.2mm (9.5 X 6.22 X 3 in)
Battery Life	200 Hours typical
Weight	Approx. 285.76g (0.63 lb) including batteries and packaging box.

Electrical Specifications

Temperature Scale	Celsius or Fahrenheit user-selectable
Measurement Range	Pt385 (100Ω) -200°C to 800°C (-328°F to 1472°F) Pt3916/Pt3926 (100Ω) -200°C to 630°C (-328°F to 1166°F)
Resolution	0.1°C or 0.2°F
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 thermocouple error. ±(0.05%rdg+0.2°C) on °C scale ±(0.05%rdg+0.4°F) on °F scale
Temperature	0.1 times the applicable accuracy
Coefficient	Specification per °C from 0°C to 18°C and 28°C to 50°C (32°F to 64°F and 82°F to 122°F).
Input Protection	24V dc or 24V ac rms maximum input Voltage on any combination of input pins.
Input	Accepts for 3 wires or 4 wires Mini-Din
Connector	Plug and the meter is designed for standard. The other probes 2.3 wires will cause measuring tolerance due to cable resistance.
Included Accessories	RTD Connectors (2); users manual; batteries (4)

Amprobe® Test Tools

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RTD-10W RTD Thermometer Wireless

The RTD probes are preferred for industrial process applications. They typically provide higher accuracy than thermocouples and maintain stability for many years.

- Wireless two-way transmission
- RTD dual input function
- Pt3916/Pt3926/Pt385 RTD standard
- °C/°F user-selectable
- MAX/MIN with elapsed time, AVG, REL, HOLD functions
- Warning beeper with Hi/Lo setting
- Resolution 0.1°C or 0.2°F

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(note: \$500 MSLP limit)



N10140

RTD-10W RTD Thermometer Wireless

Data Sheet

General Specifications

Display	4½ digit liquid crystal display (LCD) with maximum reading of 19999.
Polarity	Automatic, positive implied, negative polarity indication.
Low Battery Indication	The "⚡" is displayed when the battery voltage drops below the operating level.
Measurement Rate	1 time/second.
Auto Power Off	30 minutes
Operating Environment	0°C to 50°C (32°F to 122°F) at <70% R.H.
Storage Environment	-20°C to 60°C (-4°F to 140°F), 0 to 80% R.H. with battery removed from meter.
Accuracy	Stated accuracy at 23°C ±5°C, <75% R.H.
Battery	1.5V x 4pcs AAA size
Battery Life	200 hours typical
Dimensions	L241.3 X W158 X 76.2mm (9.5 X 6.22 X 3 in).
Weight	Approx. 304g (0.67lb) including batteries and packaging box.
WIRELESS Features	
Frequency Range	910~920MHz. Low current consumption less than 1mA. The transmitting distance can reach 25M without magnetic interference.

Electrical Specifications:

Temperature Scale	Celsius or Fahrenheit user-selectable
Measurement Range	Pt385 (100Ω) -200°C to 800°C (-328°F to 1472°F) Pt3916/Pt3926 (100Ω) -200°C to 630°C (-328°F to 1166°F)
Resolution	0.1°C or 0.2°F
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 thermocouple error. ±(0.05%rdg+0.2°C) on °C scale ±(0.05%rdg+0.4°F) on °F scale
Temperature	0.1 times the applicable accuracy
Coefficient	Specification per °C from 0°C to 18°C and 28°C to 50°C (32°F to 64°F and 82°F to 122°F).
Input Protection	24V DC or 24V AC rms maximum input Voltage on any combination of input pins.
Input	Accepts 3 wire or 4 wire Mini-Din
Connector	Plug and meter are designed for standard. The other probes 2.3 wires will cause measuring tolerance due to cable resistance.
Included Accessories	RTD Connectors (2); users manual; batteries (4); USB wireless antenna; software CD

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