

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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

### 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)



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.
<b>WIRELESS Features</b>	
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

#### Amprobe® Test Tools

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