



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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## TH-3 Relative Humidity Temperature Meter

- Dual display
- Relative function monitors humidity and temperature changes
- Extended probe stem to easily access air ducts
- Min/Max readings
- Data Hold
- Capacitive sensor with protective cover
- Auto Power off
- Soft Carrying Case
- One-year warranty

### 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)

The TH-3 uses a precision capacitance sensor to deliver accurate performance with long term stability. This high accuracy instrument measures the full range of relative humidity from 0% to 100% and features an exceptionally wide ambient temperature measurement range from -20 °C (-4 °F) to 60 °C (140 °F). The sensor is mounted on a long shaft extending from the top surface of the unit, making probing into ductwork and hard to reach areas more easy. The large LCD displays two measurements simultaneously with a full range of display options including Hold, Min, Max, and Relative. The TH-3 is a complete package and comes with soft carrying case, sensor cover, battery and manual.

#### Included Accessories

Soft carrying case, sensor cover, battery (installed), users manual

### General Specifications

Display	Dual display
Operating Conditions:	0 °C to 40 °C
Storage Conditions:	-10 °C to 60 °C; <70 % RH
Altitude	Up to 2000 meters
Sample rate	2.5 times per second
Battery	9 V Battery, NEDA 1604 or JIS 006P or IEC6F22
Battery life	85-hours continuous (with alkaline battery)
Dimension	240 x 54 x 34 mm (9.5 x 2.1 x 1.3 in.)
Weight	Approximately 180 g (6.4 oz.)

### Technical Specifications

Function	Range	Accuracy
<b>Measurement Ranges</b>		
Humidity	0 % RH to 100 % RH	
Range accuracy	5 % RH to 95 % RH: <5%RH, >95% RH	±3 % RH @ 23 °C ±5 % RH @ 23 °C
Temperature Coefficient:		0.1 x specified accuracy/ °C <23 °C, >23 °C
Resolution	0.1 %RH	
Temperature (Dry Bulb)	-20 °C to 60 °C: -4 °F to -140 °F	±0.8 °C ±1.6 °F
Resolution	0.1 °C/0.1 °F	
<b>Response time (in slowly moving air)</b>		
Humidity	180 sec	
Temperature	10 sec	

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