AMPROBE®

Data Sheet



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.



(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



TH-3 Relative Humidity Temperature Meter

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
Measurement Ranges		
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:	±0.8 °C
	-4 °F to -140 °F	±1.6 °F
Resolution	0.1 °C/0.1 °F	
Response time (in slowly moving	g air)	
Humidity	180 sec	
Temperature	10 sec	

Temp | Humidity | Pressure | Differential Pressure | Vacuum | Gases | Particle | Air Flow Moisture | Dissolved Oxygen | Radiation | Air Quality | Light / Lux | Distance | Vibration





