THWD-3

Relative Humidity Temperature Meter

- ■ **Dual display**
- ■ **Extended probe stem to easily access air ducts**
- ■ **Dew Point**
- ■ **Wet Bulb**
- ■ **Min/Max readings**

- ■ **Data Hold**
- ■ **Capacitive sensor with protective cover**
- ■ **Auto Power off**
- ■ **Carrying Case**
- ■ **One year warranty**

The THWD-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, Dew Point (DP) and Wet Bulb (WB). The THWD-3 comes with soft carrying case, sensor cover, battery and manual.

Included Accessories
Carrying case, sensor cover, battery (installed), users manual

No hassle warranty

No waiting.

No shipping charges.

WARRANTY
NO HASSLE
PROGRAM

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)

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	
	5 % RH to 95 % RH:	±3 % RH @ 23 °C
	<5%RH, >95% RH	±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
Dew Point (DP)	-20 °C to 60 °C:	±0.8 °C
	-4 °F to -140 °F	±1.6 °F
Web Bulb (WB)	-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 air)		
Humidity	180 sec	
Temperature	10 sec	

Mouser Electronics

Authorized Distributor

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