



## 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

### 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.

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



## THWD-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                                    |
|---|--|---|
| <b>Measurement Ranges</b>                   |  |   |
| Humidity                                    | 0 % RH to 100 % RH<br>5 % RH to 95 % RH:<br><5%RH, >95% RH | ±3 % RH @ 23 °C<br>±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:<br>-4 °F to -140 °F                       | ±0.8 °C<br>±1.6 °F                          |
| Dew Point (DP)                              | -20 °C to 60 °C:<br>-4 °F to -140 °F                       | ±0.8 °C<br>±1.6 °F                          |
| Web Bulb (WB)                               | -20 °C to 60 °C:<br>-4 °F to -140 °F                       | ±0.8 °C<br>±1.6 °F                          |
| Resolution                                  | 0.1 °C/0.1 °F  |   |
| <b>Response time (in slowly moving air)</b> |  |   |
| Humidity                                    | 180 sec  |   |
| Temperature                                 | 10 sec   |   |