



CEM DT-8892 Hygro-Thermometer, Dew Point, Wet Bulb, Dry Bulb, 2%RH Accuracy



SKU: CEMDT8892BK
Manufacture warranty period: 12 months
Country of Origin: China

Introduction:

DT-8892 professional temperature and humidity tester, with professional measurement of air temperature, air humidity, dew point temperature, wet bulb temperature and humidity measurement function. In addition, there are data retention, automatic shutdown, maximum and minimum recording and other functions.

Features:

- Highest 2% RH accuracy with fast response time
- Double-row LCD with backlight
- Display air temperature and humidity, dew point/wet bulb temperature and humidity
- Data Hold Function
- Data Maximum / Minimum Recording Function
- Automatic shutdown and low power indication





Specifications:

- **Humidity:**
 - Sensor Type: Precision capacitance sensor
 - Range: 40~60%RH
 - Resolution: 0.1%RH
 - Basic Accuracy: $\pm 2\%$ RH
 - Range: 20~40%RH; 60~80%RH
 - Resolution: 0.1%RH
 - Basic Accuracy: $\pm 3\%$ RH
 - Range: 0~10%RH; 80~100%RH
 - Resolution: 0.1%RH
 - Basic Accuracy: $\pm 4\%$ RH
- **Air Temperature:**
 - Sensor Type: Thermistor
 - Range: $-20\sim 60^{\circ}\text{C}$ / $-4\sim 140^{\circ}\text{F}$
 - Resolution: $0.1^{\circ}\text{C}/^{\circ}\text{F}$
 - Basic Accuracy: $\pm 1^{\circ}\text{C}/1.8^{\circ}\text{F}$
 - Range: $-30\sim -19.9^{\circ}\text{C}$; $60.1\sim 100.0^{\circ}\text{C}$ / $-22.0\sim -3.9^{\circ}\text{F}$; $140.1\sim 212.0^{\circ}\text{F}$
 - Resolution: $0.1^{\circ}\text{C}/^{\circ}\text{F}$
 - Basic Accuracy: $\pm 1.5^{\circ}\text{C}/2.7^{\circ}\text{F}$
- Response Time: <15 seconds (90% of final value in moving air)
- Absolute Humidity: 0 to 500g/m³, 0 to 218.5gr/ft³ (calculated from RH and Air temperature measurements)
- Wet Bulb: $0\sim 80^{\circ}\text{C}$ / $32\sim 176^{\circ}\text{F}$ (calculated from RH and Air temperature measurements)
- Dew Point: $-30\sim 100^{\circ}\text{C}$ / $-22\sim 199^{\circ}\text{F}$ (calculated from RH and Air temperature measurements)

- Operating Conditions: $0\sim 50^{\circ}\text{C}$ / $32\sim 122^{\circ}\text{F}$; <80% RH non-condensing
- Storage Conditions: $0\sim 80^{\circ}\text{C}$ / $32\sim 176^{\circ}\text{F}$; <90% RH non-condensing
- Power Supply: 9 Volt battery
- Battery Life: Approx. 48 hours
- Weight: 400g
- Dimensions: 300mm x 75mm x 50mm

Package includes:

- Hygro-Thermometer x 1
- Hard Case x 1
- User manual x 1
- 9V Battery x 1

Package Dimension:

- 42 x 30 x 12 cm
- Weight: 1.6 Kg



