The THI2-10 Digital Remote Sensing Thermohygrometer accurately takes humidity, temperature, dew point and wet bulb temperatures inside of ducts and hard to reach areas. English and metric engineering units as well as the type of measurement displayed can be easily selected using the push buttons. The push buttons also allow the user to freeze the current reading or retrieve the minimum and maximum readings. A large backlit LCD digital dual display allows the user to see both the temperature and humidity simultaneously and a low battery indicator shows the user when to change batteries. For hands-free operation, the thermohygrometer can be mounted on a tripod. All units include batteries and a hard carrying case for safe transport.

**SPECIFICATIONS**

**Service:** Humidity and temperature detection in air.

**Range:**
- Relative humidity measurement range: 0 to 100%
- Temperature range: 14 to 140°F (-10 to 60°C);
- Dew point temperature range: -100 to 139.8°F (-73.4 to 59.9°C);
- Wet bulb temperature range: 7.88 to 139.8°F (-13.4 to 59.9°C).

**Accuracy:**
- Relative humidity accuracy: ±3% from 10 to 90% (at calibration temperature); ±5% for others;
- Temperature accuracy: ±1°F (±.6°C).

**Display:** Dual LCD display for temperature and humidity.

**Temperature Limits:**
- Ambient: 32 to 122°F (0 to 50°C);
- Storage: 68 to 140°F (-20 to 60°C).

**Resolution:**
- Temperature resolution: 0.1°C/°F;
- Humidity resolution: 0.1% RH.

**Power Requirements:**
- (4) AAA alkaline batteries, included, user replaceable.

**Weight:**
- 5.3 oz (150 g).

**Agency Approval:**
- CE.

The THI2-10, Thermohygrometer with Remote Probe

**ACCESSORY**

TH-CAL, 33% and 75% Salt Bath Calibration Standards

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Simultaneously measure temperature and relative humidity with the Series TH Thermohygrometer Pen. This unit features a dual LCD, user selectable units of measure, MAX/MIN functions, reset and display hold. A built-in self calibration utility allows for field calibration using the optional relative humidity calibration reference. The Model TH-10 includes a pocket clip, battery and instruction manual. The optional kit, Model TH-10K, includes thermohygrometer pen with 33% and 75% RH calibration standards and a hard vinyl carrying case.

**SPECIFICATIONS**

**Range:**
- RH: 10 to 90%, temp: 32 to 122°F (0 to 50°C).

**Accuracy:**
- RH: ±5%, temp: ±1.5°F or °C.

**Display:**
- Dual 3 digit LCD.

**Resolution:**
- RH: 1%; Temp: 0.1°F or °C.

**Response Time:**
- Temp: 1 s; RH: 1 min 80% of change.

**Compensated Temperature Range:**
- 32 to 122°F (0 to 50°C).

**Power Requirements:**
- 3 V CR2032 lithium metal battery, included, user replaceable.

**Weight:**
- 2.3 oz (65 g).

**Agency Approvals:**
- CE.

**APPLICATIONS**

Measure temperature and humidity in greenhouses, clean rooms, drying rooms, HVAC, food, pharmaceutical, and textile industries.

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Model TH-10, Thermohygrometer Pen

Model TH-10K, Thermohygrometer Pen Kit

**ACCESSORY**

TH-CAL, 33% and 75% Salt Bath Calibration Standards