

# 8" (203mm) Temperature & Humidity Chart Recorder



## Specifications

**Alarm Type:** Audio/Visual on High/Low Limits

**Ambient Operating RH Conditions :** 0-95% RH non-condensing

**Ambient Operating Temperature Conditions:** 32.0 to 120.0F (0.0 to 50.0C)

**Approvals:** CE

**Battery Backup:** Four AA Batteries. Powers unit for up to 3 Days.

**Battery Life (Avg):** 76 Hours (Back-up Only)

**Calibration Options:** N100, N300, N400

**Channels:** CH1: Temperature, CH2: Humidity

**Chart Rotation Speed:** 24 Hour, 7 Day or 31 Day

**Dew Point Accuracy:** +/-3.6F from 30.0 to 95.0% RH (Calculated) (+/-2.0C from 30.0 to 95.0% RH (Calculated))

**Dew Point Range:** 32.0 to 122.0F (0.0 to 50.0C)

**Dimensions:** 3.1 x 9.2 x 9.2in

**Display Dimensions Height:** 1.375

**Display Dimensions Width:** 2.0

**Display Resolution:** 0.1

**Display Type:** LCD

**Enclosure:** Rugged Black ABS Case, Polycarbonate Door, Aluminum Dial

**Humidity Accuracy:** +/-2.0% RH from 5.0 to 95.0%; +/-2.0% RH from 5.0 to 95.0%

**Humidity Range:** 0-95% RH non-condensing

**Humidity Sensor Type:** Field Replaceable

**IP Rating:** 20

**Included Accessories:** AC Adapter, Red and Blue Pen, Four AA Batteries, Quick Start Guide and Probe. \*Charts sold separately.

**Keypad Functions:** Power On/Off, Pen Home, Alarm

**Mounting Options:** Free Standing or Wall Mount (With Keyhole)

**Power Cord:** 6 ft

**Power Source:** 120 to 240 VAC, 12 VDC (INTL fittings available); AC Adapter

**Power Status Indicator:** LED Indicator

**Remote Probe Dimensions :** Replaceable Sensor houses thermistor and RH sensor in polycarbonate plastic 2.5" x .8" x .5"

**Remote Sensor Length:** 10 ft (single 10 ft extension cable available without sacrificing accuracy)

**Remote Sensor Type:** Digital Temperature Sensor - Replaceable

**Response Time:** 5 Minutes to 63% of Full Scale

**Temperature Accuracy:** +/-0.8F from 32.0 to 120.0F (+/-0.44C from 0.0 to 50.0C)

**Temperature Range:** -20.0 to 120.0F (-20.0 to 50.0C); 0.0 to 185.0F; 32.0 to 120.0F (0.0 to 50.0C); 40.0 to 110.0F (5.0 to 40.0C)

**Temperature Sensor:** Remote Probe - Field Replaceable

**Unit Weight:** 4.6 lbs

**Units/Pkg:** 1

**Warranty:** 12-Month Limited

## Calibrations

**N100:** 1-Point NIST Traceable Calibration

**N300:** 3-Point NIST Traceable Calibration

**N400:** 3-Point Ultima NIST A2LA Accredited Calibration

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## Accessories



**R180 - Replacement AC Adapter**

AC Adapter for TSB/TWE/TWP Loggers and the KT8/KT6 series.



**R066 - Universal Plug Kit for Data Loggers**

International Plug Kit for Data Loggers



**A062 - AC Adapter Extension Cable 10'**

10' Power Extension for R157 AC Adapter



**A868 - Sensor Dust Filter**

Sensor Dust Filter - prolong the life of your sensor.

## Accessories



**A896 - Probe Extension Cable**  
10' Extension Probe for Straight Pre-Calibrated Sensor



**R250 - Replaceable Sensor**  
Straight Temperature/Humidity Replaceable Sensor