

## 8" (203mm) Temperature Chart Recorder



### Specifications

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

**Ambient Operating RH Conditions :** 0-95% RH non-condensing (Recorder Only)

**Ambient Operating Temperature Conditions:** 32.0 to 122.0F (0.0 to 50.0C)

**Approvals:** CE

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

**Battery Life (Avg):** 72 Hours (Back-up Only)

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

**Channels:** CH1: Temperature

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

**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

**IP Rating:** 20

**Included Accessories:** AC Adapter, Red Pen, Four AA Batteries, Quick Start Guide and 4' Bead-Wire Probe. \*Charts sold separately.

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

**Mounting Options:** Free Standing or Wall Mounted

**Power Cord:** 6 ft

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

**Power Status Indicator:** LED Indicator

**Remote Sensor Length:** 4

**Remote Sensor Type:** 1 K T/C with Mini Connector, Replaceable Sensor

**Response Time:** 30 Seconds to 63% of Full Scale

**Temperature Accuracy:** +/-1.8F from -22.0 to 122.0F 3.8F Remaining (+/-1.0C from -30.0 to 50.0C 2.1C Remaining)

**Temperature Range:** -50.0 to 50.0F/C; -20.0 to 20.0F/C; 0.0 to 100.0F/C; 0.0 to 150.0F/C; 0.0 to 250.0F/C; 0.0 to 500.0F/C; 0.0 to 1000.0F/C; 0.0 to 2000.0F

**Temperature Sensor:** Remote Probe

**Unit Weight:** 9 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



**A868 - Sensor Dust Filter**

Sensor Dust Filter - prolong the life of your sensor.



**R400 - Replaceable Sensor**

Single K-TC Replaceable Temperature Sensor



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

10' Power Extension for R157 AC Adapter



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

International Plug Kit for Data Loggers

## Accessories



**R180 - Replacement AC Adapter**

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



**R013 - Temperature Probe**

Replacement Bead Wire Temperature Probe



**A203 - Temperature Probe**

6" (15cm) High Temperature Immersion Probe



**A340 - Glycol Bottle**

Bottle of Glycol Solution w/ Septum Close



**D605 - Piercing Probe**

4" (10cm) Thermocouple Handled Piercing Probe

## Accessories



**D611 - Shielded Immersion Probe**  
15' (4.5m) Shielded Thermocouple with 4" (10cm) stainless steel tip



**D617 - Probe Extension**  
K-Thermocouple 10' (3m) Extension Cable



**A202 - Thermocouple Extension**  
K-Thermocouple 100' (30m) Extension Cable