

## 6" (152mm) Temperature Chart Recorder



### Specifications

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

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

**Approvals:** RoHS, CE

**Battery Backup:** 4AA Battery Back-up. Powers unit for up to 2 days.

**Battery Life (Avg):** 48 Hours (Back-up Only)

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

**Channels:** CH1: Temperature

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

**Dimensions:** 3.25 x 7.56 x 7.56in

**Display Dimensions Height:** 1.18

**Display Dimensions Width:** 0.59

**Display Resolution:** 0.1 Degree from -9.9 to 199.9; 1 Degree resolution above 199 and below 9.9

**Display Type:** LCD

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

**IP Rating:** 21

**Included Accessories:** AC Adapter, Red Pen, 9V Battery, Quick Start Guide and 4' Bead-Wire Probe. \*Charts sold separately.

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

**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

**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:** -100.0 to 0.0F/C; -50.0 to 0.0F/C; -50.0 to 50.0F/C; 0.0 to 50.0F/C; 0.0 to 100.0F/C; 0.0 to 250.0F/C; 0.0 to 500.0F; 50.0 to 100.0F/C

**Temperature Sensor:** Remote Probe

**Unit Weight:** 5 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



**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



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



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

## Accessories



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



**R007 - 9V Battery**  
9V Battery



**R013 - Temperature Probe**  
Replacement Bead Wire Temperature Probe