

# KT856

## Circular Chart Recorder

### FEATURES

- Two K-Thermocouple Probe
- Digital Display
- Alarms
- Relay Contacts
- User selectable recording times and temperature ranges
- For use above 500F (260°C) A203 required.
- Note: 31 Day chart is not available for temperature ranges [-20 to 20] and [0 to 150]

### ABOUT

8" (203mm) Temperature Chart Recorder

The KT856 has a full 8" (203mm) chart, two K-Thermocouple probes, digital display, alarms and relay contacts.

The KT856 is our most feature rich temperature chart recorder.



For more information, please refer to

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**Circular 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 to 122F (0 to 50C)
- **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, CH2: Temperature
- **Chart Rotation Speed:** 24 Hour, 7 Day, 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 Two 4' Bead-Wire Probes. \*Charts sold separately.
- **Keypad Functions:** Power On/Off, Pen Home, Alarm
- **Mounting Options:** Free Standing or Wall Mounted
- **Note on Relay Type:** Relay does not function while unit is running on only battery power.
- **Power Cord:** 6 ft
- **Power Source:** 120 to 240 VAC, 12 VDC (INTL fittings available); AC Adapter
- **Power Status Indicator:** LED Indicator
- **Relay Connection:** Spade Lugs, Male 0.25. One Relay per Channel.
- **Relay Type:** SPST, 24 VDC, 0.5 A, N/O
- **Remote Sensor Length:** 4
- **Remote Sensor Type:** 2 K T/C with Mini Connectors
- **Response Time:** 30 Seconds to 63% of Full Scale
- **Temperature Accuracy:** +/-1.8F from -22 to 122F 3.8F Remaining (+/-1C from -30 to 50C 2.1C Remaining)
- **Temperature Range:** -50 to 50F/C; -20 to 20F/C; 0 to 100F/C; 0 to 150F/C; 0 to 250F/C; 0 to 500F; 0 to 1000F/C; 0 to 2000F; 20 to 100F/C; 50 to 150F/C
- **Temperature Sensor:** 2 Remote Probes
- **Unit Weight:** 9 lbs
- **Units/Pkg:** 1
- **Warranty:** 12-Month Limited

**Circular Chart Recorder**

**Accessories**



D118 – Remote Monitoring Unit



A062 - 10' AC Adapter Extension cable for R157 AC Adapter



R065 - Universal Plug Kit  
International kit for Data Loggers



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



R157 – Replacement AC Adapter



R013 - Temperature Probe  
Replacement Bead Wire Temperature Probe



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