

# 8" CHART RECORDER

## Model: KT8-31R

### TEMPERATURE



8" (203mm) chart recorders offer the largest resolution out of any chart recorders. All chart recorders feature a large 8" chart and user-selectable recording time-frames and ranges. These units are compatible with Dickson's Replaceable Sensors™, making calibrating your chart recorder easier than ever.

FEATURES:

- Display
- Audible Alarms
- Relays
- Dual K-Thermocouple Replaceable Sensor™

REPLACEABLE SENSOR™ SPECIFICATIONS:

**Temperature Accuracy**  
±1.8°F from -300°F to 122°F (±1°C from -185°C to 50°C)  
±3.8°F (±2.1°C) remaining range

**Temperature Range**  
-300°F to 2000°F (-185°C to 1093°C)

Alarm Type	Audio/Visual/Relay on High/Low Limits
Ambient Operating RH Conditions	0-95% RH non-condensing
Ambient Operating Temperature Conditions	32°F to 120°F (0°C to 50°C)
Battery Backup	(4) C Batteries
Battery Life	1 Month (Avg)
Calibration Options	N100, N300, N400
Channels	CH1: Temperature CH 2: Temperature
Chart Rotation Speed	24 Hour, 7 Day
Dimensions LxWxH	9 3/8"x2 3/4"x10 1/8"
Display Dimensions	5 1/8" x 1"
Display Type	LCD
Enclosure	Rugged Black ABS Case, Polycarbonate Door, Aluminum Dial
IP Rating	IP20
Included Accessories	AC Adapter, Red Pen, Blue Pen, (4) C Batteries, Quick Start Guide and Replaceable Sensor™ *Charts sold separately
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
Unit Weight	2.45lbs without batteries
Warranty	12-Month Limited
Replaceable Sensor SKU	RS031

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Environmental Monitoring + Compliance Experts