

DICKSON KT8

K-THERMOCOUPLE REMOTE SENSING 8" CHART RECORDER

Introducing our most versatile family of chart recorders ever! The KT8 is available in 5 models with loads of great options in a rugged and compact enclosure. This is the NEW Generation of Chart Recorders!

Available Features Include:

- Large 8" Chart offers 84% more readable area than a 6" Chart
- K-Thermocouple Probe for Flexibility
- Available Temperature Range up to +2000F
- Select from One or Two Pen Models
- User Selectable Temperature Ranges and Recording Times
- Large Digital Display
- Audio/Visual Alarms
- Compact Rugged Enclosure
- Flip-Up Pen Arm for Easy Chart and Pen Changes
- 9V Battery Backup



Specifications:

Temperature Ranges:

KT801: 0 to +100°F/C, -50 to +50°F/C, 0 to +250°F/C

KT802/KT803/KT855: 0 to +100°F/C, -50 to +50°F/C, 0 to +250°F/C, +0 to +500°F/C

KT804: 0 to +1000°F/C, 0 to +2000°F, -20 to +20°F/C, +20 to +100°F/C, +50 to +150°F/C

Temperature Accuracy (Recorder Only): +/-1.8°F (+/-1°C)

Temperature Sensor: Flexible, 4' Bead Wire K-Thermocouple probe, Teflon coated (suitable for most gas, liquids & semi-solids) to +500°F (max); KT804 6" high temperature basic K-Thermocouple probe with 4' Teflon coated cable suitable to +2100°F (max)

Ambient Operating Conditions: +32 to +122°F (0 to +50°C); 0 to 95% RH (non-condensing)

Storage Conditions: -22 to +122°F (-30 to +50°C); 0 to 95% RH (non-condensing)

IP Rating: IP20

Digital Display: LCD 3.5 digit (1" Tall)

Display Resolution: LCD, 0.1°F (0.1°C), 0.1%RH

Chart Size: 8" (20.3cm) DIA

Power: 120V AC adapter with a 9V battery for back-up power

Alarms: Audio/Visual High/Low alarms (KT803/KT804/KT855)

Power Supply: 120V AC Adapter with a 9 "V" battery for back-up power

Approvals: CE

Calibration: User: zero point

Recording Time: User selectable: 24 hour, 7 day or 31 day (31 Day available on models (KT802/KT803/KT855))

Average Response Time: 1 minute to move 63% of full scale

Note: Response time is slower when using battery

Mounting: Portable or wall mount

Enclosure: Case: ABS; Door: Polycarbonate; Dial: Aluminum

Dimensions: 9.2" x 9.2" x 3.1" (23.4cm x 23.4cm x 7.9cm)

Weight: Approximately 4 lbs (1.8kg) with battery

DICKSON

www.dicksonweb.com

930 S. Westwood Ave., Addison, IL 60101-4917

Toll Free Phone: 1-800-323-2448 • Toll Free Fax: 1-800-676-0498

All specifications are subject to change • Made in U.S.A.

rev. 07/06

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Order No.	Temperature Ranges	Remote K-TC Probe	2 Remote K-TC Probes	Digital Display	Audio/Visual Alarm	31 Day Recording Time
KT801	0 to +100°F/C, -50 to +50°F/C, 0 to +250°F/C	✓				
KT802	0 to +100°F/C, -50 to +50°F/C, 0 to +250°F/C, 0 to +500°F/C	✓		✓		✓
KT803	0 to +100°F/C, -50 to +50°F/C, 0 to +250°F/C, 0 to +500°F/C	✓		✓	✓	✓
KT804	0 to +1000°F/C, 0 to +2000°F, -20 to +20°F/C +20 to +100°F/C, +50 to +150°F/C	✓		✓	✓	
KT855	0 to +100°F/C, -50 to +50°F/C, 0 to +250°F/C, 0 to +500°F/C	✓	✓	✓	✓	✓

Charts

For Model	Temperature Range	24 Hour Chart	7 Day Chart	31 Day Chart
KT801	0 to +100°F/C	C410	C412	
KT801	-50 to +50°F/C	C411	C414	
KT801	0 to +250°F/C	C432	C439	
KT802/KT803/KT855	0 to +100°F/C	C410	C412	C409
KT802/KT803/KT855	-50 to +50°F/C	C411	C414	C406
KT802/KT803/KT855	0 to +250°F/C	C432	C439	C407
KT802/KT803/KT855	0 to +500°F/C	C428	C459	C408
KT804	0 to +1000°F/C	C441	C440	
KT804	0 to +2000°F	C443	C444	
KT804	-20 to +20°F/C	C445	C448	
KT804	+20 to +100°F/C	C446	C449	
KT804	+50 to +150°F/C	C447	C450	

Accessories

Description	Order Number
NIST Traceable Calibration 3-pt. (new unit)	N300
NIST Traceable Calibration 1-pt. (new unit)	N100
A2LA Accredited Calibration 3-pt. (new unit)	N400
Pens (6 red)	P222
International Universal AC Adapter	R065

Optional Probes

Description	Order No.
4" Piercing Probe, 5' Coiled Cable, +1650°F (+900°C)	D605
5" Immersion Probe, 5' Coiled Cable, +1650°F (+900°C)	D608
6" High Temperature Basic Probe, +2100°F 316 Stainless Steel	A203
10' Straight Extension Cable (for probe)	D617
100' Straight Extension Cable (for probe)	A202
1/8" Compression Fitting (for D164 & A203 probes)	D163
Replacement Bead-wire Probe (Type K) +500°F	R013
Angled Surface Probe, 5' Coiled Cable, +1200°F (+649°C)	D606



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