



The Data-Trend Chart Recorders feature a sleeker look and feel, increased shielding to eliminate electronic noise interference and smoother pen movement. Electronic relay sends alerts to a wide range of systems-- for HVAC, alarms, power backups and more!

Multiple Features to Adapt to Widest Range of Applications--

- 6" readable chart
- Remote Probe
- Audio alarms
- AC power with battery backup
- User selectable recording times and temperature ranges



Dickson Model KT6 Chart Recorder

Specifications:

User Selectable Temperature Ranges	8 User Selectable Temperature Ranges: 0 to $\pm 100^{\circ}\text{F}/^{\circ}\text{C}$, 0 to $\pm 50^{\circ}\text{F}/^{\circ}\text{C}$, -50 to $+50^{\circ}\text{F}/^{\circ}\text{C}$, 50 to $100^{\circ}\text{F}/^{\circ}\text{C}$, 0 to $+250^{\circ}\text{F}/^{\circ}\text{C}$, 0 to $+500^{\circ}\text{F}$ (CHARTS SOLD SEPARATELY)
Remote Temperature Accuracy	$\pm .5\%$ of chart range and $\pm 1.8^{\circ}\text{F}$ ($\pm 1^{\circ}\text{C}$) Recorder Only
Remote Sensor	Standard 4 ft. K-Thermocouple Beadwire Probe with Mini Connector (other K-TC probes available - see accessories)
Ambient Operating Conditions	Recorder Only: $+32$ to $+122^{\circ}\text{F}$ (0 to $+50^{\circ}\text{C}$) 0 to 95% (non-condensing) Probe Only: -300 to 2000°F (-184 to 1093°C)
Power Source	120V 50/60Hz AC adapter
Power Cord	6' (2 meters)
Power Status Indicator	LED Indicator
Battery Backup	9V battery backup powers unit for up to 3 days
Battery Life (Avg)	72 Hours (Backup Only)
Keypad Functions	Power On/Off, Pen Home, Alarm
Display Type (KT622/625)	LCD, 3.5 digit, 3.3V
Display Dimensions (KT622/625)	.59" x 1.18" (15mm x 30mm)
Remote Probe Dimensions	K-type bead wire with mini connector; Cable Length: 4' (121cm); extension cables available
Chart Size (Diameter)	6"
Recording Times	24-Hour/7-Day
Response Time	30 Seconds at 63% of full scale
Resolution	0.1° resolution -9.9° to 199.9° ; 1° resolution above 199° and below -9.9°
Calibration	Standard Dickson Certificate of Calibration (NIST Traceable and A2LA Certification available) - see Accessories
Alarm (KT625)	Audio/Visual on High/Low Temp Limits
Relay Type	SPST, 24VDC, 0.5A, NO/NC - Relay does not function while unit is on battery power.
Relay Connection	Spade Lugs, Male 0.25" - One Relay per Channel
Approvals	CE, ROHS
Enclosure	Rugged Black ABS Case, Polycarbonate Door, Aluminum Dial
Dimensions (Inches/cm)	7.56" x 7.56" x 3.25" / 19.2cm x 19.2cm x 8.3cm



Measurement, Control, and Datalogging Solutions

Weight	2.16 lbs 979.7g
Included Accessories	AC Adapter, Red Pen, 9V Battery, Manual and 4' Bead Wire Probe (CHARTS SOLD SEPARATELY)
IP Rating	IP21
Warranty	12 Month Limited

Ordering Information

Order No.	Basic Recorder	Remote Probe	8 Ranges	Digital Display	Alarm	Relay Contact
KT621	•	•	•			
KT622	•	•	•	•		
KT625	•	•	•	•	•	•

Accessories

Order No.	Description
N300	NIST Traceable Calibration 3-pt. (new units)
N100	NIST Traceable Calibration 1-pt. (new units)
N400	A2LA Accredited Calibration 3-pt. (new units)
P222	Pens (6 red)
R065	Universal AC Adapter

Optional Probes

D605	4" Piercing Probe, 5' Coiled Cable, +1650°F (+900°C)
D608	5" Immersion Probe, 5' Coiled Cable, +1650°F (+900°C)
A203	6" High Temperature Basic Probe, +2100°F 316 Stainless Steel
D617	10' Straight Extension Cable (for probe)
A202	100' Straight Extension Cable (for probe)
D606	Angled Surface Probe, 5' Coiled Cable, +1200°F (+649°C)

Charts

Temperature Range	24 hour Charts \$33/pkg.	7 day Charts \$33/pkg.
-50 to +50°F/C	C652	C651
0 to ±50°F/C	C654	C653
50 to ±100°F/C	C656	C655
0 to ±100°F/C	C658	C657
0 to ±250°F/C	C660	C659
0 to +500°F	C662	C661



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