



Dickson KT8 8" Chart Recorder Range - Temperature

Product Images



Short Description

8" (203mm) Chart recorders offer the largest resolution out of any chart recorders. Now featuring replaceable sensors, calibrating your chart recorder is easier than ever. All chart recorders feature a large 8" chart and user-selectable recording timeframes (1-week, 1-month) and ranges.

Calibration options are available - please contact us for a quotation.

Description

Key Features

- Display
- Replaceable Sensors
- Audible Alarm
- Battery Operation
- K-Thermocouple Probe option
- Relay options
- Remote T/RH Probe option.

Additional Information

	8" Chart Recorder Specifications					
		KT8 Models	TH8 Models			
Explanation	Alarm Type	Audio/Visual Relay on R models	Audio/Visual Relay on R models			
	Ambient Operating RH Conditions	0-95% RH non-condensing	0-95% RH non-condensing			
	Ambient Operating Temperature Conditions	32.0 to 120.0F (0.0 to 50.0C)	32.0 to 120.0F (0.0 to 50.0C)			
	Approvals	CE	CE			
	Backup Battery	Four C Batteries	Four C Batteries			
	Battery Life (Avg)	1 Month	1 Month			
	Calibration Options	N100, N300, N400	N100, N300, N400			
	Channels	CH1: Temperature CH2: Temperature (KT8-21/KT8-31R only)	CH1: Temperature CH2: Humidity			
	Chart Rotation Speed	24 Hour, 7 Day	24 Hour, 7 Day			
	Dimensions	9 3/8 in. x 2 3/4 in. x 10 1/8 in.	9 3/8 in. x 2 3/4 in. x 10 1/8 in.			
	Display Dimensions	5 1/8 in. x 1 in.	5 1/8 in. x 1 in.			
	Display Resolution	0.1	0.1			
	Display Type	LCD	LCD			
	Enclosure	Rugged Black ABS Case, Polycarbonate Door, Aluminum Dial	Rugged Black ABS Case, Polycarbonate Door, Aluminum Dial			
	IP Rating	20	20			
	Included Accessories	AC Adapter, Pen(s), Four C Batteries, Quick Start Guide and Probe. *Charts sold separately.	AC Adapter, Pen(s), Four C Batteries, Quick Start Guide and Probe. *Charts sold separately.			
	Keypad Functions	ON/OFF, Home, Alarm, Return, Enter	ON/OFF, Home, Alarm, Return, Enter			
	Mounting Options	Free Standing or Wall Mount (w/ Keyhole)	Free Standing or Wall Mount (w/ Keyhole)			
	Power Cord	6ft	6ft			
	Power Source	120 to 240 VAC, 12 VDC (INTL fittings available); AC Adapter	120 to 240 VAC, 12 VDC (INTL fittings available); AC Adapter			
	Power Status Indicator	LED Indicator	LED Indicator			
	Unit Weight	2.45lbs without batteries / 3.05lbs with batteries	2.45lbs without batteries / 3.05lbs with batteries			
	Units/Pkg	1	1			
	Warranty	12-month limited	12-month limited			
	Remote Sensor Type	Replaceable Sensor™	Replaceable Sensor™			
		RS010	RS020 / RS021	RS030 / RS031	RS040	RS050
	Sensor Type	Ambient Temp & Humidity	Thermistor	K-Thermocouple	Platinum RTD	Ambient Temp
	Humidity Accuracy	=+/-2.0RH from 5.0 to 95.0RH				
	Temperature Accuracy	=+/-0.8F (+/- .44C) from 20.0 to 122.0F	=+/-0.9F from -58.0 to 68.0F (+/-0.5C from -50.0 to 20.0C)	=+/-1.8F from -300.0 to 122.0F (+/-1.0C from -185.0 to 50C)	=+/-0.5F from -148.0 to 350.0F	=+/-1.2F from 20.0 to 122.0F
		+/-1.8F (+/-1.0C) remaining range (range of sensor is -40 to 185F)	=+/-1.2F from 69F to 122F	=+/-3.8F (+/-2.1C) remaining range	(+/-0.3C from -100.0 to 176.0C)	(+/-1.0C from -30.0 to 50.0C)
	Temperature Accuracy (Remainder of Range)	=+/-2.0F over remaining range				
	Temperature Range	-40.0 to 185.0F (-40.0 to 85.0C)	-58.0 to 158.0F (-50.0 to 70.0C)	-300.0 to 2000.0F (-185.0 to 1093.0C)	-148.0 to 350.0F (-100.0 to 176.0C)	-22.0 to 122.0F (-30.0 to 50.0C)
Ideal For	Professional					
Brand	Dickson					
Maximum Temperature	1093.0°C (with thermocouple sensor option)					
Chart Size	8" (203mm)					
Typical applications	Food Safety, Thermal Processing					
Measurements	Temperature					

Additional Options

Chart Recorder Features	Display, Audible Alarm, RS020 Single Thermister (KT8-20)
	Display, Audible Alarm, RS021 Dual Thermister (KT8-21)
	Display, Audible Alarm, RS030 Single KTC (KT8-30)
	Display, Audible Alarm, Relays, RS030 Single KTC (KT8-30R)
	Display, Audible Alarm, Relays, RS031 Dual KTC (KT8-30R)
	Display, Audible Alarm, RS040 RTD Sensor (KT8-40)
	Display, Audible Alarm, RS050 Ambient Sensor (KT8-50)