



Instrument Expert Original factory packaging www.dorgean.com

8" Chart Recorder KT8-20 Temperature



8" chart recorder featuring an LCD display and Replaceable Sensor™ technology

Dickson 8-inch chart recorders offer the largest resolution out of any chart recorder. Featuring a large 8-inch chart and user-selectable recording timeframes and ranges, these units are compatible with Dickson's Replaceable Sensors™, making calibrating your chart recorder easier than ever.

- Display
- Audible Alarms

Sensor Specifications

Replaceable Sensor™	Single Thermistor (RS020)
Temperature Accuracy	±0.9°F from -58°F to 68°F (±0.5°C from -50°C to 20°C) ±1.2°F from 69°F to 122°F ±2°F over remaining range
Temperature Range	-58° to 158°F (-50°C to 70°C)

Specifications

Alarm Type	Audio/Visual
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
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, (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
Warranty	12-Month Limited

DICKSON

8" Chart Recorder KT8-21 Temperature



8" chart recorder featuring an LCD display and Replaceable Sensor™ technology

Dickson 8-inch chart recorders offer the largest resolution out of any chart recorder. Featuring a large 8-inch chart and user-selectable recording timeframes and ranges, these units are compatible with Dickson's Replaceable SensorsTM, making calibrating your chart recorder easier than ever.

- Display
- Audible Alarms

Sensor Specifications

Replaceable Sensor™	Dual Thermistor (RS021)
Temperature Accuracy	±0.9°F from -58°F to 68°F (0.5°C from -50°C to 20°C) ±1.2°F from 69°F to 122°F ±2°F over remaining range
Temperature Range	-58°F to 158°F (-50°C to 70°C)

Specifications

Alarm Type	Audio/Visual
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 CH2: 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

DICKSO

8" Chart Recorder KT8-30 Temperature



8" chart recorder featuring an LCD display and Replaceable Sensor™ technology

Dickson 8-inch chart recorders offer the largest resolution out of any chart recorder. Featuring a large 8-inch chart and user-selectable recording timeframes and ranges, these units are compatible with Dickson's Replaceable Sensors™, making calibrating your chart recorder easier than ever.

- Display
- Audible Alarms

Sensor Specifications

Replaceable Sensor™	Single K-Thermocouple (RS030)
Temperature Accuracy	±1.8F 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)

Specifications

Alarm Type	Audio/Visual
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
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, (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

8" Chart Recorder KT8-30R Temperature



8" chart recorder featuring an LCD display and Replaceable Sensor™ technology

Dickson 8-inch chart recorders offer the largest resolution out of any chart recorder. Featuring a large 8-inch chart and user-selectable recording timeframes and ranges, these units are compatible with Dickson's Replaceable SensorsTM, making calibrating your chart recorder easier than ever.

- Display
- Audible Alarms
- Relays

Sensor Specifications

Replaceable Sensor™	Single K-Thermocouple (RS030)
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)

Specifications

Alarm Type	Audio/Visual
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
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, (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

DICKSO

8" Chart Recorder KT8-31R Temperature



8" chart recorder featuring an LCD display and Replaceable Sensor™ technology

Dickson 8-inch chart recorders offer the largest resolution out of any chart recorder. Featuring a large 8-inch chart and user-selectable recording timeframes and ranges, these units are compatible with Dickson's Replaceable SensorsTM, making calibrating your chart recorder easier than ever.

- Display
- Audible Alarms
- Relays

Sensor Specifications

Replaceable Sensor	Dual K-Thermocouple (RS031)
Temperature Accura	±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)

Specifications

Alarm Type	Audio/Visual
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 CH2: 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



8" Chart Recorder KT8-40 Temperature



8" chart recorder featuring an LCD display and Replaceable Sensor™ technology

Dickson 8-inch chart recorders offer the largest resolution out of any chart recorder. Featuring a large 8-inch chart and user-selectable recording timeframes and ranges, these units are compatible with Dickson's Replaceable SensorsTM, making calibrating your chart recorder easier than ever.

- Display
- Audible Alarms

Sensor Specifications

Replaceable Sensor™	Platinum RTD (RS040)
Temperature Accuracy	±0.5°F from -148°F to 350°F (± 0.3°C from -100°C to 176°C)
Temperature Range	-148°F to 350°F (-100°C to 176°C)

Specifications

Alarm Type	Audio/Visual
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	l Month (Avg)
Calibration Options	N100, N300, N400
Channels	CH1: 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, (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

D C (SO

8" Chart Recorder KT8-50 Temperature



8" chart recorder featuring an LCD display and Replaceable Sensor™ technology

Dickson 8-inch chart recorders offer the largest resolution out of any chart recorder. Featuring a large 8-inch chart and user-selectable recording timeframes and ranges, these units are compatible with Dickson's Replaceable Sensors™, making calibrating your chart recorder easier than ever.

- Display
- Audible Alarms

Sensor Specifications

Replaceable Sensor™	Ambient Temperature (RS050)		
Temperature Accuracy	±1.2°F from 20°F to 122°F (±1°C from -30°C to 50°C)		
Temperature Range	-22°F to 122°F (-30°C to 50°C)		

Specifications

Alarm Type	Audio/Visual		
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		
Chart Rotation Speed	24 Hour, 7 Day		
Dimensions LxWxH	9 3/8"x2 3/4"x10 1/8"		
Display Dimensions	5 1/8" × 1"		
Display Type	LCD		
Enclosure	Rugged Black ABS Case, Polycarbonate Door, Aluminum Dial		
IP Rating	IP20		
Included Accessories	AC Adapter, Red 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 Adapte			
Power Status Indicator	LED Indicator		
Unit Weight	2.45lbs without batteries		
Warranty	12-Month Limited		

8" Chart Recorder TH8-10 Temperature & Humidity



8" chart recorder featuring an LCD display and Replaceable Sensor™ technology

Dickson 8-inch chart recorders offer the largest resolution out of any chart recorder. Featuring a large 8-inch chart and user-selectable recording timeframes and ranges, these units are compatible with Dickson's Replaceable SensorsTM, making calibrating your chart recorder easier than ever.

- Display
- Audible Alarms

Sensor Specifications

Replaceable Sensor™	Ambient Temperature & Humidity (RS010)		
Humidity Accuracy	±2.0% RH from 5% to 95% RH		
Temperature Accuracy	±0.8°F (±.44C) from 20°F to 122°F ±1.8°F (±1°C) remaining range		
Temperature Range	32°F to 120°F (0°C to 50°C)		

Specifications

Alarm Type	Audio/Visual		
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 CH2: Humidity		
Chart Rotation Speed	24 Hour, 7 Day		
Dimensions LxWxH	9 3/8"x2 3/4"x10 1/8"		
Display Dimensions	5 1/8" × 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		

8" Chart Recorder TH8-11 Temperature & Humidity



8" chart recorder featuring an LCD display and Replaceable Sensor™ technology

Dickson 8-inch chart recorders offer the largest resolution out of any chart recorder. Featuring a large 8-inch chart and user-selectable recording timeframes and ranges, these units are compatible with Dickson's Replaceable Sensors™, making calibrating your chart recorder easier than ever.

- Display
- Audible Alarms
- Extension Cable

Sensor Specifications

Replaceable Sensor™	Ambient Temperature & Humidity (RS010)		
Humidity Accuracy	±2.0% RH from 5% to 95% RH		
Temperature Accuracy	±0.8°F (±.44C) from 20°F to 122°F ±1.8°F (±1°C) remaining range		
Temperature Range	-40°F to 185°F (-40°C to 85°C)		

Specifications

Alarm Type	Audio/Visual		
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	l Month (Avg)		
Calibration Options	N100, N300, N400		
Channels	CH1: Temperature CH2: Humidity		
Chart Rotation Speed	24 Hour, 7 Day		
Dimensions LxWxH	9 3/8"x2 3/4"x10 1/8"		
Display Dimensions	5 1/8" × 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		

8" Chart Recorder TH8-11R Temperature & Humidity



8" chart recorder featuring an LCD display and Replaceable Sensor™ technology

Dickson 8-inch chart recorders offer the largest resolution out of any chart recorder. Featuring a large 8-inch chart and user-selectable recording timeframes and ranges, these units are compatible with Dickson's Replaceable Sensors™, making calibrating your chart recorder easier than ever.

- Display
- Extension Cable
- Audible Alarms
- Relays

Sensor Specifications

Replaceable Sensor™	Ambient Temperature & Humidity (RS010)		
Humidity Accuracy	±2.0% RH from 5% to 95% RH		
Temperature Accuracy	±0.8°F (±.44C) from 20°F to 122°F ±1.8°F (±1°C) remaining range		
Temperature Range	-40°F to 185°F (-40°C to 85°C)		

Specifications

Alarm Type	Audio/Visual		
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	l Month (Avg)		
Calibration Options	N100, N300, N400		
Channels CH1: Temperature CH2: Humidity			
Chart Rotation Speed	24 Hour, 7 Day		
Dimensions LxWxH	9 3/8"x2 3/4"x10 1/8"		
Display Dimensions	5 1/8" × 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		





Charts & Pens

			Model	Range	24 Hour Charts	7 Day Charts
	Copyright robots p	0.00		-100° TO 0°F/C	C497	C499
	E OF THE & MONTH W	A A A A A A A A A A A A A A A A A A A		-20° TO 20°F/C	C445	C448
2	B CALL SA	and		-50° TO 50°F/C	C411	C414
•4	1 10	8 0 a 14	KT8-20	0° TO 100°F/C	C410	C412
n HA		2	KT8-21	0° TO 150°F	C425	C435
ATT	S S S			0° TO 250°F	C432	C439
HIII	***			20° TO 100°F/C	C446	C449
0 50 20 10	A O OL OF A MONTH O			50° TO 150°F	C447	C450
T	Int at	2 30 40 '		-100° TO 0°F/C	C497	C499
101	8			-50° TO 50°F/C	C411	C414
XA	×× °	84 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-20° TO 20°F/C	C445	C448
-mfff	$\langle \rangle \rangle \langle \rangle $			0° TO 100°F/C	C410	C412
	2 HONTH a			0° TO 150°F/C	C425	C435
1	phi = 00 me		KT8-30 KT8-31	0° TO 250°F/C	C432	C439
- Ho	1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 24		0° TO 500°F/C	C428	C459
Toff	8	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		0° TO 1000°F/C**	C441	C440
44	1 to	2 Jan 191		0° TO 2000°F**	C443	C444
	7	2 2 X X X X X X X X X X X X X X X X X X		20° TO 100°F/C	C446	C449
Π		49. ²²		50° TO 150°F	C447	C450
0 50		*		-100° TO 0°F/C	C497	C499
Ŧ		20 30 20 0 0 20 30 40 1		-50° TO 50°F/C	C411	C414
A	5		-20° TO 20°F/C	C445	C448	
T	3			0° TO 100°F/C	C410	C412
		30 8	KT8-40	0° TO 150°F/C	C425	C435
$\langle \rangle$		0		0° TO 250°F/C	C432	C439
(IIIII)	1 1 1 1 1	the state		0° TO 500°F	C428	C459
	3 5 1 1 1			20° TO 100°F/C	C446	C449
	DAY 20 OF THE 22 MONTH &	and the second s		50° TO 150°F	C447	C450
				-50° TO 50°F/C	C411	C414
				-20° TO 20°F/C	C445	C448
				0° TO 100°F/C	C410	C412
and the second sec	KT8-50	0° TO 150°F/C	C425	C435		
	- 444 · 44	. 🔬		0° TO 250°F/C	C432	C439
	🤍 🚬 🔇			20° TO 100° F/C	C446	C449
	🔨 👌	•		50° TO 150°F/C	C447	C450
	📎			-20°F TO 120°F*	C415	C417
			TH8-10	-20°C TO 50°C*	C472	C473
				40°F TO 110°F	C476	C477
	Description	Variable		5°C TO 40°C	C478	C479
		O		-20°F TO 120°F*	C415	C417
	6 red pens	Temperature	ТН8-11	-20°C TO 50°C*	C472	C473
	6 blue pens	Humidity	TH8-11R	40°F TO 110°F	C476	C477
6	3 red, 3 blue pens	Temperature & humidity	TH8-12	5°C TO 40°C	C478	C479
56	3 red, 3 blue pens	Dual channel		0° TO 200°F	-	C437

DIGKSON Environmental Monitoring + Compliance Experts

© 2023 Dickson. All rights reserved. Non-contractual document. Specifications and product photos subject to change without notice.

DicksonData.com

Dickson North America Addison, IL - USA +1 (630) 543-3747 support@dicksondata.com Dickson Europe Montpellier - France +33 (0)4 99 13 67 30 contact@dicksondata.fr

Dickson Asia-Pacific

Petaling Jaya - Malaysia +603 749 40758 contact@dicksondata.my