

## Universal Recorder Probes



### KTH - Temperature/Humidity Probe

Complete with combination temperature, humidity probe. Allows for precision measurement of temperature, humidity and dew point. (Non-Condensing). Probe can be extended up to 25 feet, use p/n CABLE10H (max)



### KTT - Dual Temperature Probes

Complete with two precision temperature probes. Allows for two independent temperature measurements. Includes adapter and connecting cable. Perfect for refrigerators, freezers, indoor-outdoor recording, etc. Temperature probe can be extended 20', use P/N CABLE10T (2 max/probe)



### KTP - Temperature/ Pressure Probes

Complete with independent precision pressure and temperature probes. Measures and records temperature and pressure simultaneously. Ideal for solving intermittent compressor problems. Includes a connecting cable and adapter. Perfect for refrigerators, freezers, indoor-outdoor recording, etc. Temperature probe can be extended 20', use P/N CABLE10T (2 max/probe)



### KPP - Dual Pressure Probes

Complete with two pressure probes. Measure and record two pressures simultaneously. Includes connecting cable and adapter.



### KTE - Temperature/Event Probes

Complete with precision temperature probe, event probe, a connecting cable and adapter. Allows the service engineer to analyze various equipment running cycles.

### Interchangeable\* Probes for CR4 and SL4

PROBE TYPE	PART NO.	TEMP RANGE/ ACCURACY	VOLTAGE RANGE	RH RANGE/ ACCURACY	PRESS RANGE/ ACCURACY	DEW POINT RANGE
Temp/RH	KTH	-40°F to 130°F ±2°F (-40° to 55°C ±1°C)	—	0-95% at 32° to 130°F ±2% (0° to 55°C) ambient	—	32° to 130°F (0° to 55°C)
Temp/Temp	KTT	-40°F to 130°F ±2°F (-40° to 55°C ±1°C)	—	—	—	—
Temp/Press	KTP	-40°F to 130°F ±2°F (-40° to 55°C ±1°C)	—	—	0-500 PSI (0-35 BAR) ±1%FS	—
Press/Press	KPP	—	—	—	0-500 PSI (0-35 BAR) ±1%FS	—
Temp/Event	KTE	-40°F to 130°F ±2°F (-40° to 55°C ±1°C)	24 VAC-270VAC (24 VDC-180VDC)	—	—	—

\*All probes can be used with the Service Logger and the Universal Recorder.

## DR Series

The DR disposable temperature recorder is an inexpensive, one time use temperature recorder - indispensable for HVAC/R uses. It gives an accurate strip chart recording of a wide ambient temperature range. It can be easily changed on the job!

### Applications

- Monitoring temperature sensitive goods in-transit, walk-in boxes, warehouses, HACCP and more.

### Features

- Pull TAB to start
- Detachable three part water resistant job information form
- Unique serial number on chart and recorder for positive identification
- HACCP documentation
- NIS traceable calibration
- ABS Plastic enclosure

PART NO.	
DR10	10 days
DR40	40 days

### Specifications

Temperature Range	-20°F to 100°F (-28°C to 38°C)
Temperature Accuracy	±2°F (±1°C) or better
Day Spans	DR10 10 Day (°F & °C) DR40 40 Day (°F & °C)
Chart Resolution	10 Day 2.50" per day
Power/Shelf Life	1.5 volt AA battery 1 year from date of purchase
Calibration	NIST Traceable
Tamper-Proof	Pre-sealed at the factory
Security Seal	
Case Quantity	40 instruments
Enclosure	ABS plastic
Weight/Dimensions	10.5 oz (297.7 gm) 6.50" L x 3.50" W x 2.56"H 16.51 cm x 6.50 cm x 8.89 cm

1 - Hazard Analysis Critical Control Points  
2 - HACCP Required \* DR10 - Replaces DR5



# Chart Recorders

## Universal Recorder Charts

KTH RANGE 1	KTH RANGE 2	12 HR	24 HR	7 DAY	31 DAY
-20°F to 120°F	0-100% HUMIDITY	E20120F12	E20120F24	E20120F7	E20120F31
-20°F to 50°F	0-100% HUMIDITY			E2050F7	E2050F31
40°F to 110°F	0-100% HUMIDITY	E40110F12	E40110F24	E40110F7	E40110F31
-30°C to 50°C	0-100% HUMIDITY	E3050C12	E3050C24	E3050C7	E3050C31
-30°C to 10°C	0-100% HUMIDITY	E3010C12	E3010C24	E3010C7	E3010C31
5°C to 45°C	0-100% HUMIDITY	E545C12	E545C24	E545C7	E545C31
KTT RANGE 1	KTT RANGE 2	12 HR	24 HR	7 DAY	31 DAY
-20°F to 120°F	-20°F to 50°F	CRTT2-2	CRTT2-1	CRTT2-3	CRTT2-21
-20°F to 50°F	40°F to 110°F	CRTT2-5	CRTT2-4	CRTT2-6	CRTT2-19
40°F to 110°F	-20°F to 120°F	CRTT2-8	CRTT2-7	CRTT2-9	CRTT2-20
-30°C to 50°C	5°C to 45°C	CRTT2-11	CRTT2-10	CRTT2-12	
5°C to 45°C	-30°C to 10°C	CRTT2-14	CRTT2-13	CRTT2-15	CRTT2-24
-30°C to 10°C	-30°C to 50°C	CRTT2-17	CRTT2-16	CRTT2-18	CRTT2-23
KTE RANGE 1	KTE RANGE 2	12 HR	24 HR	7 DAY	31 DAY
-20°F to 120°F	ON/OFF			V20120F7D	V20120F31
-20°F to 50°F	ON/OFF	V2050F12		V2050F7	V2050F31
40°F to 110°F	ON/OFF	V40110F12	V40110F24	V40110F7	V40110F31
-30°C to 50°C	ON/OFF	V3050C12	V3050C24	V3050C7	V3050C31
5°C to 45°C	ON/OFF	V545C12	V545C24	V545C7	V545C34
-30°C to 10°C	ON/OFF	V3010C12	V3010C24	V3010C7	V3010C31
KPP RANGE 1	KPP RANGE 2	12 HR	24 HR	7 DAY	31 DAY
0-50 PSI	0-150 PSI	CRPP2-1	CRPP2-7	CRPP2-13	CRPP2-19
0-50 PSI	0-500 PSI		CRPP2-8	CRPP2-14	CRPP2-20
0-150 PSI	0-500 PSI	CRPP2-3	CRPP2-9	CRPP2-15	
0-3.5 BAR	0-10 BAR	CRPP2-4	CRPP2-10	CRPP2-16	CRPP2-22
0-3.5 BAR	0-35 BAR	CRPP2-5	CRPP2-11	CRPP2-17	CRPP2-23
0-10 BAR	0-35 BAR	CRPP2-6	CRPP2-12	CRPP2-18	CRPP2-24
KTP RANGE 1	KTP RANGE 2	12 HR	24 HR	7 DAY	31 DAY
-20°F to 120°F	0-50 PSI	C RTP2-1			
-20°F to 120°F	0-150 PSI		C RTP2-11	C RTP2-38	
-20°F to 120°F	0-500 PSI	C RTP2-3	C RTP2-12	C RTP2-39	
-20°F to 50°F	0-50 PSI	C RTP2-4	C RTP2-13	C RTP2-40	C RTP2-58
-20°F to 50°F	0-150 PSI	C RTP2-5	C RTP2-14	C RTP2-41	C RTP2-59
-20°F to 50°F	0-500 PSI	C RTP2-6	C RTP2-15	C RTP2-42	C RTP2-60
40°F to 110°F	0-50 PSI	C RTP2-7	C RTP2-16	C RTP2-43	C RTP2-61
40°F to 110°F	0-150 PSI	C RTP2-8	C RTP2-17	C RTP2-44	C RTP2-62
40°F to 110°F	0-500 PSI	C RTP2-9	C RTP2-18	C RTP2-45	C RTP2-63
-30°C to 50°C	0-3.5 BAR	C RTP2-19	C RTP2-28	C RTP2-46	C RTP2-64
-30°C to 50°C	0-10 BAR	C RTP2-20	C RTP2-29	C RTP2-47	C RTP2-65
-30°C to 50°C	0-35 BAR		C RTP2-30	C RTP2-48	C RTP2-66
-30°C to 10°C	0-3.5 BAR	C RTP2-22	C RTP2-31	C RTP2-49	C RTP2-67
-30°C to 10°C	0-10 BAR	C RTP2-23	C RTP2-32	C RTP2-50	C RTP2-68
-30°C to 10°C	0-35 BAR	C RTP2-24	C RTP2-33	C RTP2-51	C RTP2-69
5°C to 45°C	0-3.5 BAR	C RTP2-25	C RTP2-34	C RTP2-52	C RTP2-70
5°C to 45°C	0-10 BAR	C RTP2-26	C RTP2-35	C RTP2-53	C RTP2-71
5°C to 45°C	0-35 BAR	C RTP2-27	C RTP2-36	C RTP2-54	C RTP2-72

Contact:  
 Industrial Process Measurement, Inc.  
 3910 Park Avenue, Unit 7  
 Edison, NJ 08820  
 732-632-6400  
 support@instrumentation2000.com  
<http://www.instrumentation2000.com>