

# CRTH2

## TEMPERATURE/HUMIDITY/DEW POINT RECORDER

Selectable chart speeds from 1-1/2 hours to 31 days.  
Temperature ranges from -40°F to 130°F (-40°C to 55°C).  
With a 6- foot remote probe, 115V operation and battery back-up,  
the CRTH2 provides the ultimate in versatility and reliability.

### Features/ Benefits

- Measures Temperature, Humidity and Dew Point
- Advanced, reliable micro-controller design
- Built – in “Last Setting” memory
- Two (2) line LCD display
- Easy-to-use membrane keypad
- All functions user selectable from front panel.
- °F / °C selectable
- Remote combination temperature/humidity probe with 6 foot cable
- Field calibration of probe
- Combination of 24 Speed and Temperature Ranges
- 6” circular chart
- Chart number displayed when Time & Temperature Ranges selected
- Single turn or continuous chart rotation
- Two (2) independent pens
- Alarm with delay for over and under temperature & humidity
- Audible and Visual Alarm indication
- Remote Alarm or telephone dialer connection (Optional Auto-dialer – ADTA)
- Standard 115 VAC operation
- Optional 12 VDC operation for auto or marine
- 48 hour battery back-up
- Low battery warning on display
- Durable polycarbonate case with full-view cover
- Free Standing or Wall mount
- Snap-on extra support legs
- Fold away carrying handle



### CRTH2 Specifications

Temp Range/Accuracy	-40°F to 130°F $\pm$ 2°F (-40°C to 55°C $\pm$ 1°C)
RH Range/ Accuracy	0 to 90% (non condensing) at 32°F to 130°F $\pm$ 2% (0°C to 55°C) ambient
Dew Point Range	32°F to 130°F (0° to 55°C)
Chart Diameter	6 inches
Chart Rotation Mode	Continuous or Single turn
Chart Rotation Speed	1.5, 3, 6, 12 & 24 hrs, 7 & 31 days
Chart Speed Accuracy	$\pm$ 5% RH
Charts	60 assorted included
Display	LCD 16 characters x 2 lines
Temperature Alarm Range	-20°F to 120°F (-30°C to 50°C)
Relative Humidity Alarm Range	0 to 100%
Alarm Delay	NO DELAY, 10 mins., 30 mins., 1 hr. or 2 hrs.
Remote Alarm Connection	NO, 48 VAC/DC, 0.1 A resistive load
Ambient Operating Temperature	32°F to 120°F (0°C to 49°C)
Primary Power	115 VAC, 50/60 Hz (230 VAC, 50/60 Hz optional)
Alternate Power	12 V vehicle operation (need optional adapter)
Battery backup	8 AA alkaline batteries (not included)
Battery Life	48 hrs. continuous
Dimensions	9 1/4" x 7 1/4" x 2 3/4"
Weight	4 lbs. 15 oz.

### Recorder Charts

TEMPERATURE RANGE 1	HUMIDITY 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	E2050F12	E2050F24	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

### CRTH2 Accessories

PART NO.	DESCRIPTION
KTH	Temperature/ Humidity Probe
CABLE10H	Extension cable for KTH (2 max)
CABLE6	6 ft. cable for sensor probes
CABLE15	15 ft. cable for sensor probes
CABLE25	25 ft. cable for sensor probes
CRPENR	Red Recorder Pen
CRPENB	Blue Recorder Pen
CRT	115 VAC Power Adapter
CRT220	220 VAC Power Adapter
CRTH2	115V 50/60 Hz
CRTH2-220	220V 50/60 Hz