

# 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)
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