

## TH8P5

### Circular Chart Recorder

#### FEATURES

- Remote Probe
- Digital Display
- Audio/Visual Alarms
- Relay Contacts
- Replaceable sensor
- 8" Chart (203mm)
- User selectable recording times and temperature ranges



#### ABOUT

The TH8P5 (equipped with field replaceable sensor) has the features to direct your attention to out-of-range condition with both audio/visual alarms, a large digital display of current or min/max conditions, remote probe and relay contacts.

This is our most versatile, high resolution temperature and humidity chart recorder.



For more information, please refer to

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**Circular Chart Recorder**

**Specifications**

- **Alarm Type:** Audio/Visual on High/Low Limits
- **Ambient Operating RH Conditions:** 0-95% RH non-condensing
- **Ambient Operating Temperature Conditions:** 32 to 120F (0 to 50C)
- **Approvals:** CE
- **Battery Backup:** Four AA Batteries. Powers unit for up to 3 Days.
- **Battery Life (Avg):** 76 Hours (Back-up Only)
- **Calibration Options:** N100, N300, N400
- **Channels:** CH1: Temperature, CH2: Humidity
- **Chart Rotation Speed:** 24 Hour, 7 Day or 31 Day
- **Dew Point Accuracy:** +/-3.6F from 30 to 95% RH (Calculated)  
(+/-2C from 30 to 95% RH (Calculated))
- **Dew Point Range:** 32 to 122F (0 to 50C)
- **Dimensions:** 3.1 x 9.2 x 9.2in
- **Display Dimensions Height:** 1.375
- **Display Dimensions Width:** 2.0
- **Display Resolution:** 0.1
- **Display Type:** LCD
- **Enclosure:** Rugged Black ABS Case, Polycarbonate Door, Aluminum Dial
- **Humidity Accuracy:** +/-2% RH from 5 to 95%; +/-2% RH from 5 to 95%
- **Humidity Range:** 0-95% RH non-condensing
- **Humidity Sensor Type:** Field Replaceable
- **IP Rating:** 20
- **Included Accessories:** AC Adapter, Red and Blue Pen, Four AA Batteries, Quick Start Guide and Probe. \*Charts sold separately.
- **Keypad Functions:** Power On/Off, Pen Home, Alarm
- **Mounting Options:** Free Standing or Wall Mount (With Keyhole)
- **Note on Relay Type:** Relay does not function while unit is running on only battery power.
- **Power Cord:** 6 ft
- **Power Source:** 120 to 240 VAC, 12 VDC (INTL fittings available); AC Adapter
- **Power Status Indicator:** LED Indicator
- **Relay Connection:** Spade Lugs, Male 0.25. One Relay per Channel.
- **Relay Type:** SPST, 24 VDC, 0.5 A, N/O
- **Remote Probe Dimensions:** Field Replaceable Sensor houses thermistor and RH sensor in polycarbonate plastic 2.5" x .8" x .5"
- **Remote Sensor Length:** 10 ft
- **Remote Sensor Type:** Digital Temperature Sensor - Field Replaceable
- **Response Time:** 5 Minutes to 63% of Full Scale
- **Temperature Accuracy:** +/-0.8F from 32 to 120F (+/-0.44C from 0 to 50C)
- **Temperature Range:** -20 to 120F (-20 to 50C); 0 to 185F; 40 to 110F (5 to 40C)
- **Temperature Sensor:** Remote Probe - Field Replaceable
- **Unit Weight:** 4.6 lbs
- **Units/Pkg:** 1
- **Warranty:** 12-Month Limited

**Circular Chart Recorder**

**Accessories**



R180 – AC Adapter  
for TSB/TWE/TWP Loggers  
and KT8/KT6 series



A896 – Probe Extension Cable  
10' Extension Probe for Straight  
Pre-Calibrated Sensor



R066 – Universal Plug Kit  
International plug kit for  
Data Loggers



D118 – Sensaphone Dialer  
Remote Monitoring Unit  
Calls 4 numbers



A062 – 10' Extension Cable  
for R157 AC Adapter



A868 – Sensor Dust Filter  
prolong the life of your sensor



R250 – Replaceable Sensor  
Straight Temperature/Humidity Sensor