

# Temperature/Relative Humidity Chart Recorders



CTH100



## All Models

- ✓ Continuous Self-Recording
- ✓ Portable, Wall Mount, or Bench Mount
- ✓ 167 mm (6.6") Charts
- ✓ Easily Replaceable Pens
- ✓ 1.5 V Battery Operation Only
- ✓ Models for 1-, 8-, or 32-Day Recording
- ✓ °C or °F

The CTH100 thermo-hygrograph chart recorder measures and records temperature and relative humidity, expensive sensors are unnecessary. This portable, battery operated recorder offers simultaneous recording on its 167 mm (6.6") easy-to-read circular chart. Three recording times are available: 1-day, 8-days, or 32-days. The CTH100's neat appearance and compact size make it ideal for a number of applications in a variety of locations: laboratories, wineries, warehouses, computer rooms, museums, hotels, restaurants, factories, textile mills, paper mills, construction sites, greenhouses, mushroom cultivation farms, and home gardens.

This recorder can be wall or benchtop mounted. Replacement of charts and recording pens is easy. The CTH100 also uses 2 color pens (1 red, 1 blue) to clearly identify the dual trend lines.

## Specifications

**Sensors:** Built-in

**Temperature:** Bimetal

**Humidity:** Nylon film

**Scale Ranges and Operating Environment:**

**Temp:** -10 to 40°C or 10 to 110°F

**Relative Humidity:** 0 to 100% RH (non-corrosive)

**Accuracy:** Temp: ±2°C or ±4°F (minimum scale on chart: 1°C or 2°F)

**Relative Humidity:** ±5% RH between 30 and 90% RH (minimum scale on chart: 2%)

**External Dimensions:**

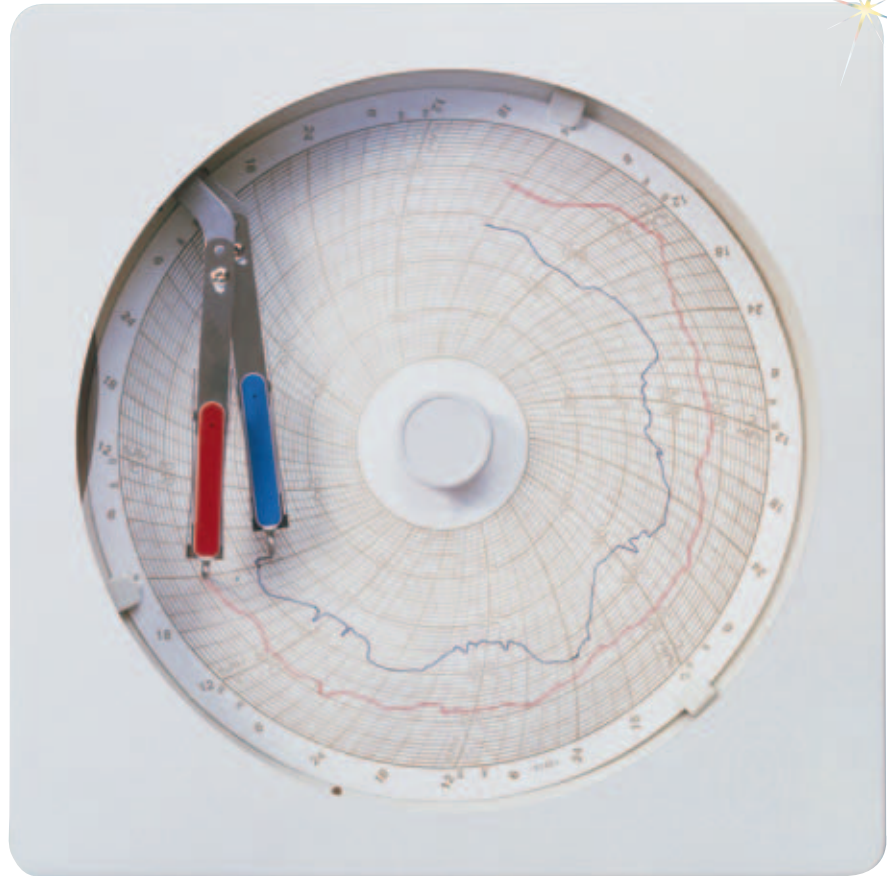
Approx 200 x 200 x 60 mm (8 x 8 x 2.4")

**Weight:** Approx 650 g (1.5 lb)

**Color of Cover:** Ivory

**Battery/Life:** One 1.5 V, "AA" (included)/1 year

**Pen Life:** 6 months, 1 red and 1 blue (included)



CTH100-1D-F, shown smaller than actual size.

**MOST POPULAR MODELS HIGHLIGHTED!**

To Order (Specify Model Number)		
Model No.		Ranges
CTH100-1D-F		10 to 110°F 0 to 100% RH
CTH100-1D-C		-10 to 40°C
CTH100-8D-C		0 to 100% RH

## Accessories

Model No.	Description
CTH100-C-1D-F	Chart paper, °F—1 day
CTH100-C-8D-F	Chart paper, °F—8 day
CTH100-C-32D-F	Chart paper, °F—32 day
CTH100-C-1D-C	Chart paper, °C—1 day
CTH100-C-8D-C	Chart paper, °C—8 day
CTH100-C-32D-C	Chart paper, °C—32 day
CTH100-STAND	Stand for CTH100
CTH100-PENSET	Replacement pen set, 1 red and 1 blue pen

Comes complete with 1 package of 30 charts, 2 pens, 1 "AA" battery and operator's manual. OMEGACARE<sup>SM</sup> extended warranty program is available for models shown on this page. OMEGACARE<sup>SM</sup> covers parts, labor, and equivalent loaners. Ask your sales representative for full details when placing an order.

**Ordering Examples:** CTH100-1D-F, thermo-hygrograph chart recorder, 1 day, °F, . OCW-3, OMEGACARE<sup>SM</sup> extends standard 1-year warranty to a total of 4 years CTH100-8D-C, -10 to 40°C, 0 to 100% RH,



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Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

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### • Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters