

# Temperature Chart Recorder



## CT89 Series



- ✓ Advanced Microcontroller Design
- ✓ Large LED Digital Temperature Display
- ✓ 3 Temperature Ranges and 4 Chart Speeds
- ✓ Front Panel Selectable Single Turn or Continuous Chart Rotation
- ✓ Front Panel Controls for Fast and Easy Setup
- ✓ Standard 120V Operation
- ✓ Battery Back-Up Assures Normal Operation During Power Interruptions
- ✓ 12V Vehicular or Marine Use Operations
- ✓ Stainless Steel Remote Reading 102 mm (4") Probe with 4.6 m (15') Cable
- ✓ Fold-Down Handle
- ✓ Freestanding or Wall Mounted
- ✓ Durable Polycarbonate Case, Cover, and Handle

### Applications

- ✓ Food Storage
- ✓ Environment, Energy Management
- ✓ HVAC, Refrigeration Maintenance
- ✓ General Laboratory Monitoring
- ✓ Computer Room Monitoring
- ✓ Ovens, Dryers, Paint Booths



CT89F with probe included.

The newly designed CT89 temperature recorder with remote sensor employs advanced microcontroller design that enables this versatile instrument to accurately measure and record temperatures in air, gas, liquids, powders, solids, and semi-solids. The CT89 is a precision instrument used to monitor and record temperature on 6" circular chart

paper. It may be carried as a portable instrument or mounted in a fixed location. A combination of 3 temperature ranges and 4 chart speeds provide a high degree of flexibility. In addition, the chart rotation may be set for single or continuous turn operation. To protect the data being recorded the CT89 uses an automatic battery backup to maintain operation during a power outage.



OMEGACARE<sup>SM</sup> extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARE<sup>SM</sup> covers parts, labor and equivalent loaners.

CT89F.

### Specifications

**Temperature Scale:** -40 to 30°F, -20 to 50°F, 50 to 120°F, -40 to 0°C, -30 to 10°C, and 10 to 50°C

**Chart Speed Selectable:** 6 hours, 24 hours, 7 days, 31 days

**Chart Speed Accuracy:** ±1%

**Chart Diameter:** 152 mm (6")

**Temperature Display:** 3 digit LED; 13 mm (0.5") H

**Temperature Accuracy:** ±1°C (±2°F)

**Temperature Sensor:** Stainless steel tip submersible with 4.6 m (15') of cable

**Recording Pen:** Ink type

**Power Supply:** 120 Vac, 50/60 Hz or 220/240 Vac, 50 Hz

**Battery Backup:** 8 alkaline "AA" cells (included)

**Battery Life:** 48 hours

**Operating Temperature:** 0 to 49°C (32 to 120°F)

**Operating Humidity:** 0 to 96% max

**Dimensions:** 235 L x 184 W x 70 mm D (9.25 x 7.25 x 2.75")

**Weight:** 7 oz (4 lb)

**To Order Visit [omega.com/ct89](http://omega.com/ct89) for Pricing and Details**

Model No.	Description
CT89F	Temperature chart recorder, 110 Vac, °F
CT89F-220	Temperature chart recorder, 220 Vac, °F
CT89C	Temperature chart recorder, 110 Vac, °C
CT89C-220	Temperature chart recorder, 220 Vac, °C
CT87-PEN-BLACK	Replacement pen
CT89-PROBE	Replacement stainless steel temperature probe, 120 mm (4") L, with 4.6 m (15') wire

Charts	Temperature
CT87C--40-30F/(*)	-40 to 30°F
CT87C--40-0C/(*)	-40 to 0°C
CT87C--20-50F/(*)	-20 to 50°F
CT87C--30-10C/(*)	-30 to 10°C
CT87C-50-120F/(*)	50 to 120°F
CT87C-10-50C/(*)	10 to 50°C
CT87C-L(**)-MIX	60 assorted charts

Comes complete with 60 assorted 152 mm (6") diameter charts, 102 mm (4") probe, 2 black cartridge pens, and operator's manual.

\* Insert "6H" for 6-hour, "24H" for 24-hour chart, "7D" for 7 days, or "31D" for 31 days.

\*\* Insert either "F" or "C" for an assortment of 60 charts.

**Ordering Example:** CT89F, temperature chart recorder 110 Vac.

OCW-3, OMEGACARE extends standard 1-year warranty to a total of 4 years.