Dual Temperature Chart Recorders

CT82 with remote sensor.

CT82 Series

1 YEAR WARRANTY   CE

- ✔ **152 mm (6") Chart**
- ✔ **Backlit LCD Alpha-Numeric Display**
- ✔ **Front Panel Programming**
- ✔ **Battery Backup for Power Loss**
- ✔ **Programmable Alarm Delay**
- ✔ **High and Low Alarms for Each Channel**
- ✔ **Field Replaceable Remote Sensors**
- ✔ **Front Panel Selectable Single or Continuous Chart Rotation**
- ✔ **Low Battery Warning**
- ✔ **Fold Away Carrying Handle**

The CT82 is a precision 2-temperature recorder with a digital display. The menu-driven setup is user friendly. Alarms can be high and low for each channel, with audible signal and relay contacts. Power is supplied via a 120 Vac 50/60 Hz adaptor or 230 Vac adaptor for CT82-230 model. External power can also be supplied from any 12 Vdc source such as automotive or marine.

OMEGACARE℠
Extended Warranty Program

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

Specifications

Temperature Alarm Range: -30 to 50°C (-20 to 120°F)
Temperature Accuracy: ±1°C (±1.8°F)
Alarm Delay Range: User selectable-NO DELAY; 10 min, 30 min, 1-hr and 2-hr
Remote Alarm Connection: Normally open contacts 48 Vac/Vdc, 0.1 A resistive load
Ambient Operating Temperature Range: 0 to 49°C (32 to 120°F)
Chart Rotation Speeds: User selectable–7 days, 24, 12, 6, 3 and 1.5-hr
Chart Speed Accuracy: ±1%
Chart Rotation: User selectable-continuous or single turn
Chart Diameter: 152 mm (6") circular chart (supplied with 60 assorted charts)
Display: Alphanumeric backlit LCD, 16 characters x 2 lines
Primary Power: 115 Vac, 50/60 Hz (220 to 240 Vac, 50/60 Hz, optional)
Backup Power: 8 "AA" (included)
Battery Life: 48-hr continuous operation
Recording Pens: Ink type
Mounting: Vertical or horizontal, free standing or wall mount
Case Size: 235 H x 184 W x 70 mm D (9¼ x 7¼ x 2¾")
Weight: 2.13 kg (4 lb, 7 oz)
Temperature Sensor: 4" plastic housing with 15' of cable
Sensor Temperature Range: -30 to 50°C (-20 to 120°F)
Sensor Temperature Accuracy: ±1°C (±2°F)
Sensor Case Material: Polycarbonate

Ranges

Range Code	Chart Speed	Range 1	Range 2
CRTT2-1	24-hr	-20 to 120°F	-20 to 50 °F
CRTT2-2	12-hr	-20 to 120°F	-20 to 50°F
CRTT2-3	7-day	-20 to 120°F	-20 to 50°F
CRTT2-4	24-hr	-20 to 50°F	40 to 110°F
CRTT2-5	12-hr	-20 to 50°F	40 to 110°F
CRTT2-6	7-day	-20 to 50°F	40 to 110°F
CRTT2-7	24-hr	40 to 110°F	-20 to 120°F
CRTT2-8	12-hr	40 to 110°F	-20 to 120°F
CRTT2-9	7-day	40 to 110°F	-20 to 120°F
CRTT2-10	24-hr	-30 to 50°C	5 to 45°C
CRTT2-11	12-hr	-30 to 50°C	5 to 45°C
CRTT2-12	7-day	-30 to 50°C	5 to 45°C
CRTT2-13	24-hr	5 to 45°C	-30 to 10°C
CRTT2-14	12-hr	5 to 45°C	-30 to 10°C
CRTT2-15	7-day	5 to 45°C	-30 to 10°C
CRTT2-16	24-hr	-30 to 10°C	-30 to 50°C
CRTT2-17	12-hr	-30 to 10°C	-30 to 50°C
CRTT2-18	7-day	-30 to 10°C	-30 to 50°C

To Order

Model No.	Description
CT82	Dual temperature recorder
CT82-230	Dual temperature recorder 230 Vac
CT82-RP	Replacement sensor (1 each)
CTH89-PEN-RED	Replacement red pen (channel-1)
CTH89-PEN-BLUE	Replacement blue pen (channel-2)
CT82C-(*)	Replacement charts (box of 60) see range chart

Comes complete with paper, 1-pen per channel, 8 "AA" batteries and operator's manual.
* Insert range code from chart above.

Ordering Example: CT82 + CT82C-(CRTT2-1), *dual temperature recorder with replacement charts.* **OCW-3,** *OMEGACARE℠ extends standard 1-year warranty to a total of 4 years.*

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