

# Dual Temperature Chart Recorders

CT82 Series  
Starts at  
**\$461**



- ✓ 152 mm (6") Chart
- ✓ Backlit LCD Alpha-Numeric Display
- ✓ Advanced Micro Controller Design for Reliable Operation
- ✓ Front Panel Programming
- ✓ Battery Backup for Power Loss
- ✓ Programmable Alarm Delay
- ✓ Battery Backup to Continue Operation During Power Failure
- ✓ High and Low Alarms for Each Channel
- ✓ Field Replaceable Remote Sensors
- ✓ All Settings Retained During Power Off and Power Loss—No Need to Restore Settings From Power Failure
- ✓ Chart Number Displayed When Time and Temperature Ranges are Selected
- ✓ Front Panel Selectable Single or Continuous Chart Rotation
- ✓ Low Battery Warning
- ✓ Fold Away Carrying Handle
- ✓ Snap-on Extra Support Legs

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.

## 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 x 184 x 70 mm (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

*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.*



CT82, \$461, with remote sensor, shown smaller than actual size.

## Ranges

(*) Chart 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

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## To Order (Specify Model Number)

Model No.	Price	Description
<b>CT82</b>	<b>\$461</b>	Dual temperature recorder
<b>CT82-230</b>	<b>471</b>	Dual temperature recorder 230 Vac
<b>CT82-RP</b>	<b>79</b>	Replacement sensor (1 each)
<b>CTH89-PEN-RED</b>	<b>8.50</b>	Replacement red pen (channel-1)
<b>CTH89-PEN-BLUE</b>	<b>8.50</b>	Replacement blue pen (channel-2)
<b>CT82C-(*)</b>	<b>19.25</b>	Replacement charts (box of 60) see range chart

*Comes with paper, 1-pen per channel, batteries and operator's manual.*

**Ordering Example:** CT82 + CT82C-(CRTT2-1), dual temperature recorder with replacement charts, \$461 + \$19.25 = **\$480.25**. OCW-3, OMEGACARE<sup>SM</sup> extends standard 1-year warranty to a total of 4 years (\$115), \$461 + 115 = **\$576**.

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