

Compact, Low-Cost Temperature Datalogger

- ✓ **Small, Lightweight, Battery Powered**
- ✓ **1800 Point Non-Volatile Memory**
- ✓ **Records from 15 minutes to 360 days**

The OMEGA RD-TEMP datalogger is low cost and easy to operate. It allows monitoring of temperatures in applications previously restricted due to space or cost requirements. The RD-TEMP can store up to 1800 measurements as well as start time, interval, and an optional text block to describe the measurement. The measurement duration can be adjusted to 31 settings between 15 minutes and 360 days, allowing intervals from 0.5 seconds to 4.8 hours.

The RD-TEMP stores temperatures in EEPROM. Even if the battery is removed during logging, the data gathered to that point is preserved. The internal lithium cell can power the logger for up to two years. The unit can be programmed to stop storing data when full, or "wrap around" by over-writing the oldest data.

Data is downloaded from the logger via an RS-232 interface. Once offloaded, data may be printed, displayed, or exported in spreadsheet form for Excel or Lotus 1-2-3.

SPECIFICATIONS

Range: -39 to 123C (-36 to 253F)

Sensor: Thermistor, 10k (44006 type)

External Probe Option: 6', 3/16 tip, watertight

Memory: 1800 data points

Available also with external sensor.

RD-TEMP

\$99 Basic unit

For Sales or Service
1-800-826-6342

Battery: Lithium cell, 2 year life
Record Duration: 15min to 360 days
Record Interval: 0.5 sec to 4.8 hrs
Resolution: 0.35C at 25C; 1.5C at -40C; 3.0C at 120C

Accuracy: +/-0.2C @ 0-80C; +/-0.4C @ -40-0C; +/-0.6C @ 80-120C
Dimensions: 32 H x44.5 W x 14.7 mm D (1.26" x 1.75" x 0.58")
Weight: 51g (2 oz)



To Order (<i>Specify Model Number</i>)		
Model Number	Price	Description
RD-TEMP	\$99	Temperature Datalogger
RD-TEMP-XT	117	Temperature Datalogger with external 6' probe
RD-TEMP-PR	18	Spare 6' Temperature Probe for RD-TEMP-XT
RD-TEMP-CP	9	Serial Cable to IBM PC or Compatibles
RD-TEMP-CM	9	Serial Cable to Macintosh
RD-TEMP-SW	49	Software, DOS and Windows
RD-TEMP-SM	49	Software, Macintosh
RD-TEMP-BATTERY	9	Spare Lithium Battery

RD-TEMP comes with internal sensor, battery and manual. RD-TEMP-XT comes with external 6' probe, battery and manual. Serial cable and software (for Mac or PC) must be ordered separately.