Precision Temperature Data Loggers Part of the
NOMAD® Family OM-CP-RTDTEMP101 and OM-CP-RTDTEMP110

Starts at
$199

5 YEAR WARRANTY **MADE IN USA**

- ✔ 100 Ω Pt RTD Input
- ✔ 0.01°C Resolution
- ✔ Programmable Start Time
- ✔ Miniature Size
- ✔ User Calibration through Software
- ✔ Real Time Operation

OM-CP-RTDTEMP101, $199, & OM-CP-RTDTEMP110, $299, data logger shown larger than actual size

OM-CP-IFC110, $99, Windows software displays data in graphical or tabular format

The OM-CP-RTDTEMP101 and OM-CP-RTDTEMP110 are precision, battery powered, stand-alone, temperature data loggers. These all-in-one compact, portable, easy-to-use devices will measure and record up to 21,845 temperature measurements with a resolution of 0.01°C. These data loggers are a major leap forward in accurate temperature measurement performance. The real time clock ensures that all data is time and date stamped. The storage medium is non-volatile solid state memory, providing maximum data security even if the battery becomes discharged. Its small size allows it to fit almost anywhere. Data retrieval is simple. Plug it into an available COM port and our easy to use software does the rest. The Windows software converts your PC into a real time strip chart recorder. Data can be printed in graphical or tabular format and can also be exported to a text or Microsoft Excel file.

Specifications
Input Type 100 Ω Pt RTD, α = 0.00385
Temperature Measurement Range: -200 to 850°C (-328 to 1562°F)
Calibrated Temperature Accuracy: ±0.05°C (0.015 Ω) (does not include RTD error)
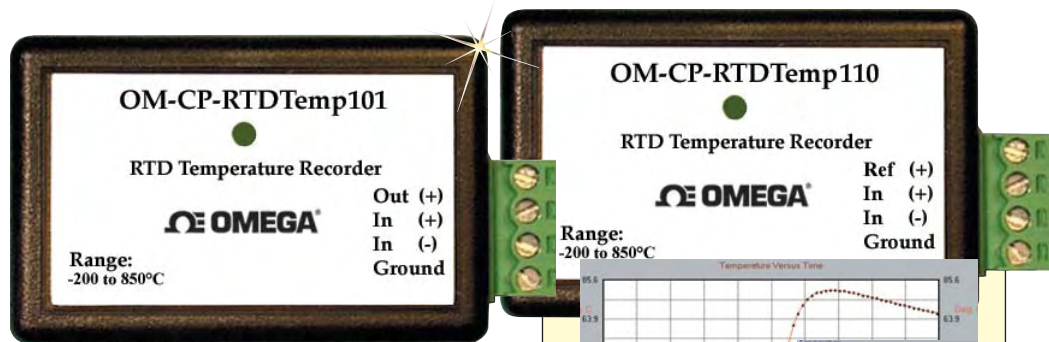**Temperature Resolution:** 0.01°C
Temperature Calibration: Digital calibration is available in software
Memory: 21,845 readings
Input Connection: 2, 3 or 4 wire screw terminal connector
Calibration Date: Automatically recorded within device to alert user when calibration is required
Recording Interval: 2 seconds to 12 hours, selectable through software

Start Time: Start time and date are programmable through software
Real Time Recording: Device may be used with PC to monitor and record data in real time
Visual Indicator: LED flashes at selected reading rate
Time Accuracy: ±1 minute per month at 20°C
Power: 3.6 V lithium battery (included)
Battery Life:
  OM-CP-RTDTEMP101: 1 year at 1 min reading rate
  OM-CP-RTDTEMP110: 10 years at 15 min reading rate
Data Format: Date and time stamped, °C, °F, °K, °R, Ω
Computer Interface: PC serial, USB or RS-232C COM
Communications:
  OM-CP-RTDTEMP101: 2400 baud
  OM-CP-RTDTEMP110: 57600 baud

Software: WIN98/NT/2000/XP/VISTA 32-bit (VISTA 32-bit version only; VISTA 64-bit is not supported)
Operating Environment: -40 to 80°C (-40 to176°F) 0 to 95% RH non-condensing
Dimensions:
  OM-CP-RTDTEMP101: 36 H x 56 W x 16 mm D (1.4 x 2.2 x 0.6")
  OM-CP-RTDTEMP110: 43 H x 69 W x 20 mm D (1.7 x 2.7 x 0.8")
Weight:
  OM-CP-RTDTEMP101: 30 g (1 oz)
  OM-CP-RTDTEMP110: 60 g (2 oz)
Material: ABS plastic

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ALL MODELS AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

Model No.	Price	Description
OM-CP-RTDTEMP101	$199	Precision temperature data logger
OM-CP-RTDTEMP101-CERT	259	Precision temperature data logger with NIST calibation certificate
OM-CP-RTDTEMP110	299	Precision temperature data logger with 10-year battery life
OM-CP-RTDTEMP110-CERT	359	Precision temperature data logger with 10-year battery life and NIST calibration certificate
OM-CP-IFC110	99	Windows software and 1.2 m (4') RS-232 cable with DB9F termination
OM-CP-IFC200	119	Windows software and 3.7 m (12') USB interface cable
OM-CP-BAT105	12	Replacement 3.6 V lithium battery
OM-CP-CONNECTOR-4	8	Replacement 4 position terminal block connector

*Operator's manual, battery and RS-232 cable are included with the **OM-CP-IFC110** Windows software. (NIST calibration requires RTD sensor to be calibrated with the logger).*
***Ordering Example: OM-CP-RTDTEMP101-CERT** precision temperature recorder with NIST calibration certificate, **OM-CP-IFC110** Windows software and RS-232 cable with DB9F termination, $259 + 99 = **$358**.*

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