Submersible Temperature Data Logger
Part of the NOMAD® Family

OM-CP-TEMP1000

5 YEAR WARRANTY CE

- ✔ **Operating Temperature Range:** -40 to 80°C (-40 to 176°F)
- ✔ **Submersible to 45 m (150')**
- ✔ **Programmable Start Time**
- ✔ **User Calibration through Software**
- ✔ **Real Time Operation**
- ✔ **Operational in Minutes**

OM-CP-TEMP1000, shown actual size.

The OM-CP-TEMP1000 submersible temperature data logger is a waterproof, battery powered, stand-alone device used for automatically recording temperatures from -40 to 80°C. This all-in-one compact, portable, easy to use device will record up to 32,767 temperature measurements.

The OM-CP-TEMP1000 is a major leap forward in both size and durability. Its 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 empty COM port and the easy to use Windows software does the rest. The 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.
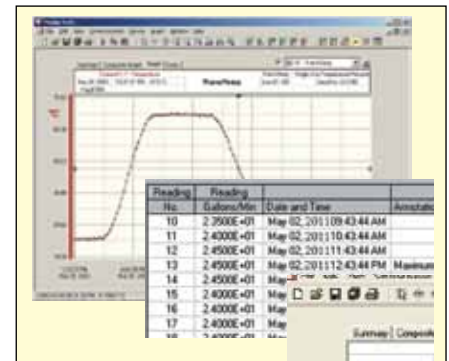
Specifications

Temperature Sensor: Semiconductor
Temperature Accuracy: ±0.5°C (0 to 50°C)
Temperature Resolution: 0.1°C
Temperature Range: -40 to 80°C (-40 to 176°F)
Temperature Calibration: Digital calibration is available through software
Calibration Date: Automatically recorded within device to alert user when calibration is required
Memory: 32,767 readings
Recording Interval: 2 seconds to 24 hours selectable through software
Start/Time: Start time and date can be set as immediate or delay for up to six months
Real Time Recording: Device may be used with PC to monitor and record data in real time
Power: 3.6V lithium battery (included)
Battery Life: 1 year typical (1 minute reading rate @ 25°C)
Time Accuracy: ±1 minute per month at 20°C
Data Format: Date and time stamped, °C, °F, °K, °R

Weight:
  Aluminum: 110 g (4 oz)
  Stainless Steel: 230 g (8 oz)
Computer Interface: PC serial or USB (interface cable required); 2400 baud
Software: WIN XP SP3/Vista/7 and 8 (32- and 64-bit)
Operating Environment: -40 to 80°C (-40 to 176°F) 0 to 100% RH non-condensing
Dimensions: 26 dia x 110 L mm (1.00 x 4.3")
Material: Aluminum or stainless steel

OM-CP-IFC200, Windows software displays data in graphical or tabular format.

To Order

Model No.	Description
OM-CP-TEMP1000	Submersible temperature data logger (aluminum)
OM-CP-TEMP1000-CERT	Submersible temperature data logger (aluminum) with NIST calibration certificate
OM-CP-TEMP1000-SS	Submersible temperature data logger (stainless steel)
OM-CP-TEMP1000-SS-CERT	Submersible temperature data logger (stainless steel) with NIST calibration certificate
OM-CP-IFC200	Windows software and 1.8 m (6') USB interface cable
OM-CP-SVP-SYSTEM	FDA 21 CFR part 11 compliant IQ/OQ/PQ secure software validation workbook and software package (unlimited users, license per computer)
OM-CP-BAT102	Replacement 3.6V lithium battery

*Comes complete with 3.6V lithium battery. Operator's manual and USB cable are included with the **OM-CP-IFC200** Windows software (software is required to operate the data logger and is sold separately).*
***Ordering Example: OM-CP-TEMP1000-CERT,** submersible temperature data logger with NIST calibration certificate and **OM-CP-IFC200,** Windows software and USB cable.*