

# OM-CP-TEMP1000 Submersible Temperature Data Logger Part of the NOMAD® Family

**\$199**

Basic Unit



OM-CP-TEMP1000, \$199, shown larger than actual size.

- ✓ **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**

The OM-CP-TEMP1000 submersible temperature data logger is a water proof, battery powered, stand-alone device used for auto-matically 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

**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

**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:** 3.6 V lithium battery (included)

**Battery Life:** 1 year typical  
**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, RS-232C COM or USB

### Software:

WIN98/NT/2000/XP/VISTA 32-bit (VISTA 32-bit version only; VISTA 64-bit is not supported)

### Operating Environment:

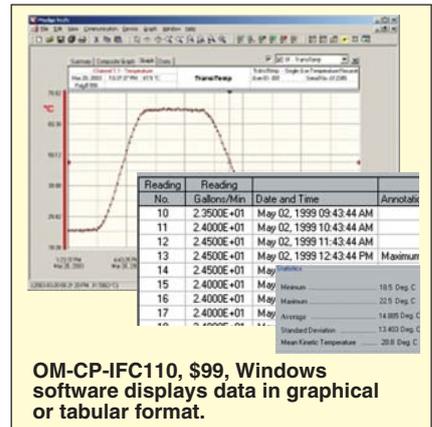
-40 to 80°C (-40 to 176°F)

0 to 100% RH non-condensing

### Dimensions:

26 mm dia X 110 mm L (1.00 X 4.3")

**Material:** Aluminum or stainless steel



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

## ALL MODELS AVAILABLE FOR FAST DELIVERY!

### To Order (Specify Model Number)

Model No.	Price	Description
OM-CP-TEMP1000	\$199	Submersible temperature data logger (aluminum)
OM-CP-TEMP1000-CERT	259	Submersible temperature data logger (aluminum) with NIST calibration certificate
OM-CP-TEMP1000-SS	249	Submersible temperature data logger (stainless steel)
OM-CP-TEMP1000-SS-CERT	309	Submersible temperature data logger (stainless steel) with 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-BAT102	10	Replacement 3.6 V lithium battery

Operator's manual and RS-232 cable are included with the OM-CP-IFC110 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-IFC110, Windows software and RS-232 cable, \$259 + 99 = \$358.

# omega.co.uk<sup>®</sup>

Your One-Stop Source for Process Measurement and Control!

Freephone 0800 488 488 | International +44(0) 161 777 6622 | Fax +44(0) 161 777 6622 | Sales@omega.co.uk

[www.omega.co.uk](http://www.omega.co.uk)



#### UNITED STATES

[www.omega.com](http://www.omega.com)

1-800-TC-OMEGA

Stamford, CT.

#### CANADA

[www.omega.ca](http://www.omega.ca)

Laval(Quebec)

1-800-TC-OMEGA

#### GERMANY

[www.omega.de](http://www.omega.de)

Deckenpfronn, Germany

0800-8266342

#### UNITED KINGDOM

[www.omega.co.uk](http://www.omega.co.uk)

Manchester, England

0800-488-488

#### FRANCE

[www.omega.fr](http://www.omega.fr)

088-466-342

#### CZECH REPUBLIC

[www.omegaeng.cz](http://www.omegaeng.cz)

Karviná, Czech Republic

596-311-899

#### BENELUX

[www.omega.nl](http://www.omega.nl)

0800-099-33-44



## More than 100,000 Products Available!

### • Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders, Relative Humidity Measurement Instruments, PT100 Probes, PT100 Elements, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples, Thermowells and Head and Well Assemblies, Transmitters, Thermocouple Wire, RTD Probes

### • Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

### • pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

### • Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

### • Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Pressure Transmitters, Strain Gauges, Torque Transducers, Valves

### • Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters