

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 or USB

Software:

WIN 2000/XP/VISTA 32-bit

(VISTA 32-bit version only;

VISTA 64-bit is not supported)

Operating Environment:

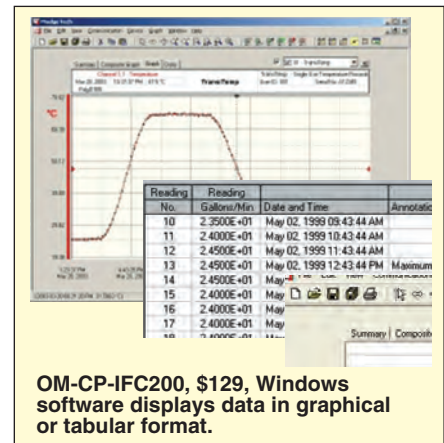
-40 to 80°C (-40 to 176°F)

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-IFC200, \$129, 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	109	Windows software and 1.2 m (4') RS-232 cable with DB9F termination
OM-CP-IFC200	129	Windows software and 3.7 m (12') USB interface cable
OM-CP-BAT102	12	Replacement 3.6 V 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, \$259 + 129 = \$388.



UNITED STATES

www.omega.com
1-800-TC-OMEGA
Stamford, CT.

CANADA

www.omega.ca
Laval(Quebec)
1-800-TC-OMEGA

GERMANY

www.omega.de
Deckenpfronn, Germany
0800-8266342

UNITED KINGDOM

www.omega.co.uk
Manchester, England
0800-488-488

FRANCE

www.omega.fr
Guyancourt, France
088-466-342

CZECH REPUBLIC

www.omegaeng.cz
Karviná, Czech Republic
596-311-899

BENELUX

www.omega.nl
Amstelveen, NL
0800-099-33-44



More than 100,000 Products Available!

• Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Glass Bulb Thermometers, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders Relative Humidity Measurement Instruments, RTD Probes, Elements and Assemblies, 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, Wire

• 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, Strain Gages, 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