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OM-CP-TEMP1000IS Intrinsically Safe Temperature Data Logger

Part of the NOMAD® Family



\$199

Basic Unit

- ✓ Intrinsically Safe for Class 1, Div 1, Groups ABCD and Non-incendive for Class 1, Div 2, Groups ABCD Indoor/Outdoor (NEMA Type 4X, 6P) Locations
- ✓ Submersible to 46 m (150')
- ✓ User Calibration Through Software
- ✓ Programmable Start Time
- ✓ Real Time Operation

The OM-CP-TEMP1000IS is a rugged, waterproof, battery powered, stand-alone device that can automatically record temperatures between -40 to 80°C (-40 to 176°F). This all-in-one compact, portable, easy to use device will measure and record up to 32,767 temperature measurements. The OM-CP-TEMP1000IS is ideal for use in harsh environments. Its real time clock ensures that all the 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. The device can be started and stopped directly from your computer and its small size allows it to fit almost anywhere. The OM-CP-TEMP1000IS makes data retrieval quick and easy. The software converts your PC into a real time strip chart recorder. Data can be printed in graphical or tabular format and can be exported to a text or Microsoft file

Specifications

Temperature Sensor:

Semiconductor

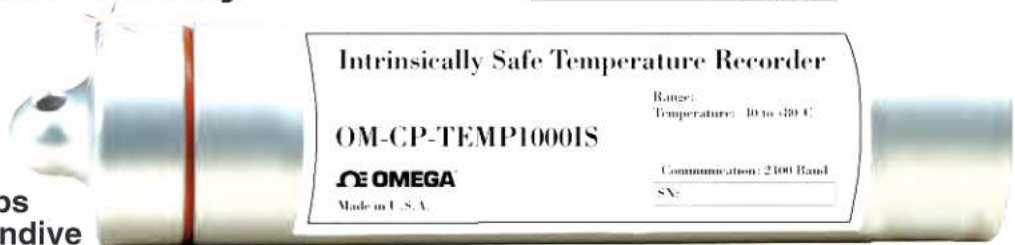
Temperature Range:

-40 to 80°C (-40 to 176°F)

Temperature Resolution: 0.1°C

Calibrated Accuracy: ±0.5°C (0 to 50°C)

Start Time: Start time and date are programmable through software



OM-CP-TEMP1000IS, \$199, shown slightly larger than actual size.

Real Time Recording: Device may be used with PC to monitor and record data in real time

Temperature Calibration:

Digital calibration through software

Recording Interval: 2 seconds

to 12 hours selectable in software

Calibration Date: Automatically recorded within device to alert user when calibration is required

Power: 3.6 V lithium battery included

Battery Life: 1 year typical

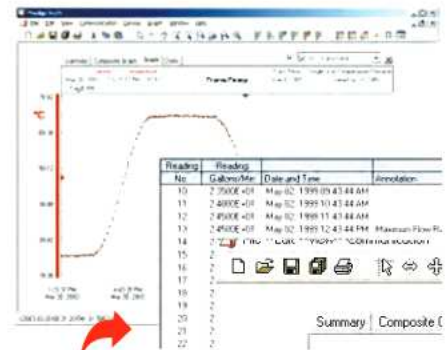
Data Format: Date and time

stamped, °C, °F, °K, °R

Time Accuracy: ±1 minute per month at 20°C when RS-232 port is not in use

Computer Interface:

PC serial or USB (interface cable required) 2400 baud



OM-CP-IFC200, \$129, Windows software displays data in graphical or tabular format

Software: XP SP3/Vista and 7 (32-bit and 64-bit)

Operating Environment:

-40 to 80°C (-40 to 176°F),

0 to 100% RH non-condensing

Dimensions: 108 dia x 26 mm L (4.3 x 1.0")

Weight: Aluminum: 110 g (4 oz)

Stainless: 230 g (8 oz)

ALL MODELS AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)		
Model No.	Price	Description
OM-CP-TEMP1000IS	\$199	Intrinsically safe temperature data logger (aluminum case)
OM-CP-TEMP1000IS-CERT	259	Intrinsically safe temperature data logger with NIST calibration certificate (aluminum case)
OM-CP-TEMP1000IS-SS	249	Intrinsically safe temperature data logger (stainless steel case)
OM-CP-TEMP1000IS-SS-CERT	309	Intrinsically safe temperature data logger with NIST calibration certificate (stainless steel case)
OM-CP-IFC200	129	Windows software & 3.7 m (12') USB interface cable
OM-CP-BAT102	12	Replacement 3.6 V lithium battery

Operator's manual and USB interface cable are included with the OM-CP-IFC200 Windows software (software is required to operate the datalogger and is sold separately).

Ordering Example: OM-CP-TEMP1000IS-CERT Intrinsically safe temperature datalogger with NIST calibration certificate and OM-CP-IFC200 Windows software and USB cable, \$259 + 129 = \$388.



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• 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

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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

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• 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



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