

OM-CP-TEMP1000P Temperature Data Logger with Integral Probe

Part of the NOMAD® Family



OM-CP-TEMP1000P, \$399,
Shown smaller than actual size

\$399

Basic Unit



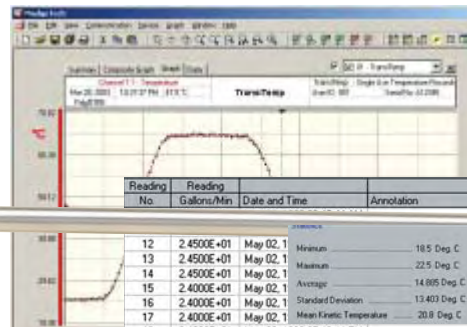
- ✓ Rugged Stainless Steel Construction
- ✓ Memory Size: 32,767 Readings
- ✓ Temperature Resolution: 0.5°C
- ✓ Temperature Accuracy: ±0.5°C
- ✓ Programmable Start Time
- ✓ User Calibration through Software

The OM-CP-TEMP1000P temperature logger is a water proof, battery powered, stand-alone device used for automatically recording temperatures from -100 to 250°C. This all-in-one compact, portable, easy to use device will measure and record up to 32,767 temperature measurements. It includes an integral stainless steel temperature probe that provides a fast response time. The OM-CP-TEMP1000P 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 CHANNEL
Calibrated Accuracy: ±0.5°C
Temperature Resolution: 0.5°C
Temperature Measurement Range: (probe): -100 to +260°C (-148 to 500°F)
GENERAL SPECIFICATIONS
Temperature Calibration: Digital calibration through software
Calibration Date: Automatically recorded within device to alert user when calibration is required
Recording Interval: 2 seconds to 12 hours selectable in 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
Power: 3.6 V lithium battery
Battery Life: 1 year typical
Time Accuracy: ±1 minute per month at 20°C when RS-232 port is not in use



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

Data Format: Date and time stamped, °C, °F, °K, °R,
Weight: 255 g (8 oz.)
Computer Interface: PC serial, RS-232C COM or USB
Software: WIN95/98/NT/2000/XP
Operating Environment: -40 to 80°C (-40 to 176°F), 0 to 100% RH non-condensing
Probe Diameter: 4.5 mm (0.2")
Probe Length: See To Order Table for standard lengths*
Logger Dimensions: 25 mm dia x 108 mmL (1.0 x 4.25")
Response Time: Water: 1 minute (to 95% of change) air: 10 minutes (to 95% of change)
Material: 303 stainless steel (logger) 304 stainless steel (probe)

ALL MODELS AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

Model No.	Price	Description
OM-CP-TEMP1000P	\$399	Temperature data logger with 180 mm (7") long integral probe
OM-CP-TEMP1000P-CERT	459	Temperature data logger with 180 mm (7") long integral probe and NIST calibration certificate
OM-CP-TEMP1000P-1	399	Temperature data logger with 25 mm (1") long integral probe
OM-CP-TEMP1000P-1-CERT	399	Temperature data logger with 25 mm (1") long integral probe and NIST calibration certificate
OM-CP-TEMP1000P-12	399	Temperature data logger with 300 mm (12") long integral probe
OM-CP-TEMP1000P-12-CERT	399	Temperature data logger with 300 mm (12") long integral probe 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-BAT102	10	Replacement 3.6 V lithium battery

*Other probe lengths are available. Contact Engineering Department.
 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). The entire data logger/probe assembly is not submersible. Only the probe portion can be immersed (do not immerse the probe past the joint area where it connects into the body of the data logger as this joint area can be penetrated by liquid).
Ordering Example: OM-CP-TEMP1000P-CERT Temperature datalogger with 180 mm (7") long integral probe with NIST calibration certificate and OM-CP-IFC110 Windows software and RS-232 cable, \$399 + 99 = \$558.

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