

# OM-CP-HITEMP-150 Extended-Range Submersible Temperature Data Logger

## Part of the NOMAD® Family



Starts at  
**\$499**

- ✓ Operating Temperature Range: -40 to 150°C (-40 to 302°F)
- ✓ Submersible to 70 m (230')
- ✓ Programmable Start Time
- ✓ User Calibration Through Software
- ✓ Real-Time Operation
- ✓ Autoclave Verification
- ✓ Pharmaceutical
- ✓ Implement HACCP Programs
- ✓ Food Preparation and Processing
- ✓ Environmental Studies
- ✓ Well Monitoring
- ✓ Dish Washer Testing
- ✓ Hostile Environment Monitoring

The OM-CP-HITEMP-150 sub-mersible temperature data logger is a battery-powered, stand-alone device that can record up to 32,767 temperatures ranging from -40 to 150°C (-40 to 302°F). It's 51 mm (2") long rigid external probe lets the user take quick, accurate measurements.

The OM-CP-HITEMP-150 is ideal for harsh environments. 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.



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

The OM-CP-HITEMP-150 can be started and stopped directly from your computer, and its small size allows it to fit almost anywhere. Data retrieval is simple. Plug it into an empty USB or COM port and the Windows software does the rest. The software converts a PC into a real-time strip chart recorder. Data can be printed in graphic or tabular format and can be exported to a text or Microsoft Excel file.

### Specifications

**Temperature Sensor:** 100 Ω Platinum RTD

**Temperature Range:** -40 to 150°C (-40 to 302°F)

**Temperature Resolution:** 0.05°C  
**Calibrated Accuracy:** ±0.5°C

**Start/Time:** Software programmable start time and date, up to 6 months in advance

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

**Memory:** 32,767 readings

**Reading Interval:** 1 reading every 2 seconds to 1 every 12 hours, selectable through software

**Calibration:** Digital calibration is available through software

**Calibration Date:** Automatically recorded within device

**Power:** 3.9 V lithium battery (included)

**Battery Life:** 1 year typical (1 minute reading rate @ 25°C)

**Time Accuracy:** ±1 minute per month at 20°C (RS-232 cable not in use)

**Computer Interface:** PC USB or serial (interface cable required); 2400



OM-CP-HITEMP-150, \$499, shown larger than actual size.

### Software:

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

### Operating Environment:

-40 to 150°C (-40 to 302°F); 0 to 100% RH, non-condensing

**Data Format:** Date and time stamped, °C, °F, K, °Ra

**Weight:** 225 g (8 oz)

**Computer Interface:** PC serial, RS-232C COM or USB

### Dimensions (Body):

28 H x 45 mm Dia. (1.1 x 1.75")

### Dimensions (Probe):

51 L x 5 mm Dia. (2.0 x 3/16")

**Construction:** 316 SS (food grade)

### ALL MODELS AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)		
Model No.	Price	Description
OM-CP-HITEMP-150	\$499	Extended-range submersible temperature data logger
OM-CP-HITEMP-150-CERT	559	Extended-range submersible temperature data logger with NIST calibration
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-BAT108	99	Replacement 3.9 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-HITEMP150-CERT, extended-range temperature data logger with NIST calibration certificate, OM-CP-IFC200, Windows software and USB cable, \$559 + 119 = \$678.

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