Miniature Temperature and Humidity Data Loggers
Part of the NOMAD® Family

OM-CP-MICROTEMP Series
Starts at
$199

- Miniature Size
- Real-Time Operation
- Programmable Start Time
- OM-CP-MICROTEMP Temperature Only, Submersible Up to 46 m (151')
- OM-CP-MICRORHTEMP Temperature and Relative Humidity, Not Submersible

The OM-CP-MICROTEMP and OM-CP-MICRORHTEMP are miniature, submersible, self-contained temperature and temperature/humidity data loggers. These data loggers are small enough to fit down the neck of a beverage bottle. Applications include pharmaceuticals, biomedical research, food processing and transport. Data retrieval is simple. Simply connect the data logger to an available USB port and the easy-to-use Windows software does the rest.

Specifications

Temperature Sensor: Internal semiconductor

Temperature Range:
OM-CP-MICROTEMP: -40 to 80°C (-40 to 176°F)
OM-CP-MICRORHTEMP: 0 to 50°C (32 to 122°F)

Temp Accuracy: ±0.5°C (0.9°F) 0 to 50°C (32 to 122°F)

Temp Resolution: 0.1°C (0.2°F)

OM-CP-MICRORHTEMP:
- Humidity Sensor: Semiconductor
- Humidity Accuracy: 3% RH
- Humidity Resolution: 0.95% RH
- Humidity Range: 0 to 95% RH non-condensing
- Calibrated Accuracy: ±3% RH (+2% RH typical @ 25°C)
- Response Time: 90% change in 60 seconds in slow moving air
- Accuracy Range: 10 to 80% RH, 10 to 40°C

OM-CP-MICRORHTEMP: 16,383 readings per channel

Reading Interval: 1 reading every 2 seconds to 1 every 12 hours

Start Time: Software programmable start time and date (up to 6 months in advance)

Power (Included):
OM-CP-MICROTEMP: 3.6V lithium battery
OM-CP-MICRORHTEMP: 2 to 1.55V R1154W battery

Battery Life: 1 year typical (15-minute reading rate, 25°C)

Computer Interface: PC serial or USB (interface cable required); 38,400 baud

OM-CP-MICRORHTEMP: 32,767 readings per channel; software-configurable memory wrap

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

Submersion Depth (OM-CP-MICROTEMP Only): Up to 46 m (150')

Dimensions:
OM-CP-MICROTEMP: 66 L x 18 mm Dia. (2.6 x 0.7")
OM-CP-MICRORHTEMP: 15 L x 38 mm Dia. (0.60 x 1.5")

Weight:
OM-CP-MICROTEMP: 50 g (1.8 oz)
OM-CP-MICRORHTEMP: 30 g (1 oz)

Material: 316L SS (food grade)

Windows software displays data in graphical or tabular format.

OM-CP-MICROTEMP data logger, $199, shown actual size.
OM-CP-MICRORHTEMP data logger, $299, shown actual size.

To Order (Specify Model Number)

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<th>Model No.</th>
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<th>Description</th>
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<td>OM-CP-MICROTEMP</td>
<td>$199</td>
<td>Miniature submersible temperature data logger</td>
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<td>OM-CP-MICRORHTEMP</td>
<td>$299</td>
<td>Miniature temperature and humidity data logger (not submersible)</td>
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<td>$259</td>
<td>Miniature temperature data logger with NIST calibration certificate</td>
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<tr>
<td>OM-CP-MICRORHTEMP-CERT†</td>
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<td>OM-CP-IFC102</td>
<td>99</td>
<td>Windows software and 1.2 m (4') RS-232 cable with DB9F termination</td>
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<td>OM-CP-IFC202</td>
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<td>Windows software and 3.7 m (12') USB interface cable</td>
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<td>OM-CP-BAT107</td>
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<td>Replacement 3.6V lithium battery for OM-CP-MICROTEMP</td>
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<td>OM-CP-BAT111</td>
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<td>Replacement 1.55V silver oxide coin cell (logger requires 2) for OM-CP-MICRORHTEMP</td>
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Operator’s manual and USB interface cable are included with the OM-CP-IFC202 Windows software (required to operate the data logger and sold separately).


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