

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

OM-CP-MICROTEMP Series  
Starts at

# \$199



Optional†

For Complete Specifications Visit [omega.com/om-cp-microtemp](http://omega.com/om-cp-microtemp)

- ✓ 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 COM 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)

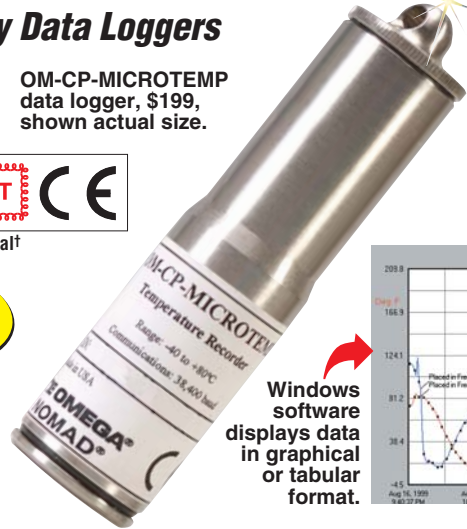
**Response Time:** 90% change in 60 seconds in slow moving air  
**Accuracy Range:** 10 to 80% RH, 10 to 40°C

**Alarm:** Programmable high and low limits; alarm is activated when temperature reaches or exceeds set limits

**Memory:**

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

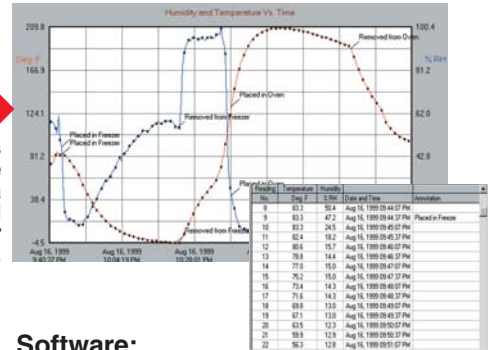
OM-CP-MICROTEMP data logger, \$199, shown actual size.



Windows software displays data in graphical or tabular format.



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



**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

**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)

**AVAILABLE FOR FAST DELIVERY!**

### To Order (Specify Model Number)

Model No.	Price	Description
OM-CP-MICROTEMP	\$199	Miniature submersible temperature data logger
OM-CP-MICRORHTEMP	299	Miniature temperature and humidity data logger (not submersible)
OM-CP-MICROTEMP-CERT†	259	Miniature submersible temperature data logger with NIST calibration certificate
OM-CP-MICRORHTEMP-CERT†	359	Miniature temperature and humidity data logger with NIST calibration certificate (not submersible)
OM-CP-IFC102	99	Windows software and 1.2 m (4') RS232 cable with DB9F termination
OM-CP-IFC202	119	Windows software and 3.7 m (12') USB interface cable
OM-CP-BAT107	5	Replacement 3.6V lithium battery for OM-CP-MICROTEMP
OM-CP-BAT106	5	Replacement 1.55V silver oxide coin cell (logger requires 2) for OM-CP-MICRORHTEMP

Operator's manual and interface cable are included with the OM-CP-IFC102 and OM-CP-IFC202 Windows software (required to operate the data logger and sold separately).

**Ordering Examples:** OM-CP-MICROTEMP-CERT, miniature temperature data logger with NIST calibration certificate, OM-CP-IFC102, Windows software with RS232 cable, \$259 + 99 = \$358.

OM-CP-MICRORHTEMP-CERT, miniature temperature and humidity data logger with NIST calibration certificate and OM-CP-IFC102 Windows software with RS232 cable, \$359 + 99 = \$458.



#### UNITED STATES

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