

OM-62 Portable Low-Cost Temperature Relative Humidity Data Logger Part of the NOMAD® Family

\$99

Basic Unit

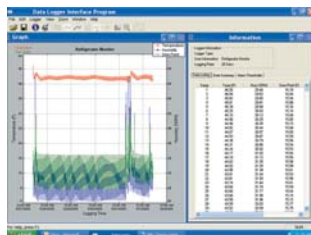


- ✓ Measure Temperature, Relative Humidity and Dew Point Simultaneously
- ✓ Temperature and Humidity Alarm with Visual Indication on Demand
- ✓ User Selectable Stop on Memory Full or Memory Rollover for Continuous Recording
- ✓ PC or Push Button Recording Control
- ✓ USB Interface
- ✓ Compact, Light Weight, Easy-to-Use

The OM-62 temperature/relative humidity data logger is an easy-to-use, versatile device which can be used for a wide range of logging applications. The OM-62 is capable of sampling as fast as once per second or as slow as every 18 hours.

A total of 43,344 temperature measurements can be stored in the data logger memory if only temperature is measured, or 21,672 measurements for temperature and humidity.

In addition to measuring temperature and relative humidity, the easy-to-use Windows software included with the OM-62 data logger calculates and displays the dew point temperature. The software is a full-featured program that allows you to set up all data logger functions including sampling rate, logging duration, start mode, logging mode, and high and low temperature and relative humidity alarm values.



Windows software displays data in graphical or tabular format.

Once data has been logged, the program then allows you to download data from the logger, plot the data and export the data to an ASCII text or Excel file format for further analysis.

Specifications

Temperature Measurement

Range:

-40 to 70°C (-40 to 160°F)

Temperature Sensor:

Internal digital sensor

Relative Humidity Range:

0 to 99% RH, non-condensing

Relative Humidity Sensor:

Polymer capacitive

Temperature Accuracy:

±0.5°C (±1°F)

Temperature Resolution:

±0.01°C (±0.01°F)

Relative Humidity Accuracy:

±2% RH from 10 to 90% RH

Relative Humidity Resolution:

0.01% RH

Temperature and Relative Humidity Alarms:

Programmable high and low alarm thresholds, for both temperature and humidity

Sampling Rate: User selectable, 1 second to 18 hours, in 1 second increments



OM-62, \$99, shown actual size

Data Storage: 43,344 for temperature only; 21,672 for temperature and humidity
Recording Mode: User selectable; stop on memory full or continuous recording with memory rollover
Recording Start: Push button, computer controlled, or up to 6 week delayed start
PC Interface: USB
Calibration: Single point offset calibration available through software for both temperature and humidity
Time Accuracy: ±100 ppm @ 75°F
Power: 3.0 V lithium battery (included)
Battery Life: 6 years typical
Storage Temperature: -40 to 70°C (-40 to 160°F)
Dimensions: 76 H x 40 W x 15 mm D (3.0 x 1.6 x 0.6")
Compatibility: Windows 98/2000/XP/VISTA
Weight: 28 g (1 oz)

AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

| Model No. | Price | Description |
|-----------|-------|-------------------------------------------|
| OM-62 | \$99 | Temperature relative humidity data logger |

Data loggers are supplied with Windows software on CD ROM and USB interface cable.
Ordering Example: OM-62 temperature relative humidity data logger, \$99.



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• Flow and Level

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• pH and Conductivity

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• Heaters

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