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

OM-62

1 YEAR WARRANTY

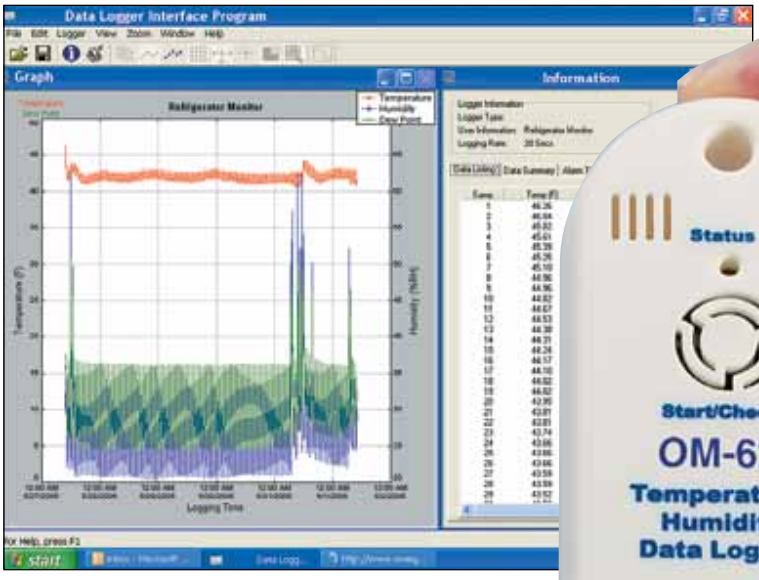
- **Measure Temperature, Relative Humidity and Dew Point Simultaneously**
- **Temperature and Humidity Alarm with Visual Indication on Demand**
- **User Selectable Stop on Memory Full or Memory Rollover for Continuous Recording**
- **PC or Push Button Recording Control**
- **USB Interface**
- **Compact, 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 humidly, 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.

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.



Windows software displays data in graphical or tabular format.



OM-62.

Specifications

Temperature Measurement Range: -40 to 70°C (-40 to 158°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: ±0.1°C (±0.1°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

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: 3V lithium battery (included)

Battery Life: 6 years typical

Storage Temperature: -40 to 70°C (-40 to 158°F)

Dimensions: 76 H x 40 W x 15 mm D (3.0 x 1.6 x 0.6")

Compatibility: Windows® XP/VISTA/7 and 8 (32- and 64-bit)

Weight: 28 g (1 oz)

To Order

Model No.	Description
OM-62	Temperature relative humidity data logger

Comes complete with Windows software on CD ROM, 3V lithium battery and USB interface cable.

***Ordering Example: OM-62,** temperature relative humidity data logger.*