

PORTABLE, LOW COST NOMAD™ DATALOGGERS For Temperature & Temperature/ Humidity



OM-NOMAD

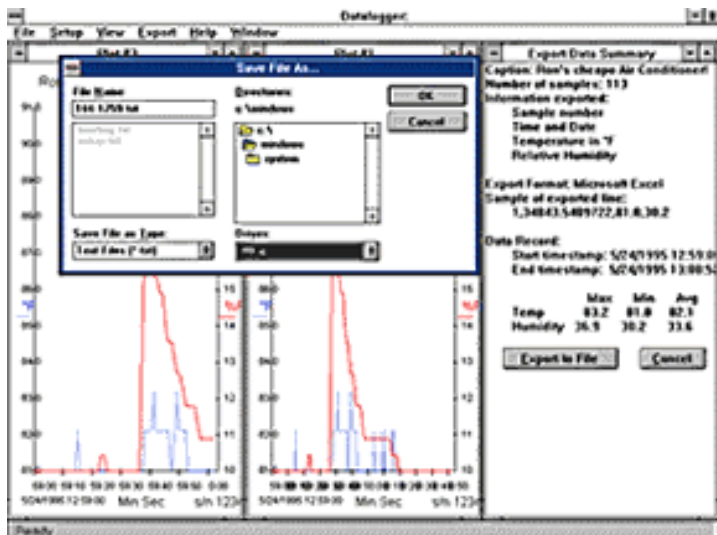
- ✓ Compact Size
- ✓ Two-Year Battery Life
- ✓ Programmable Limit Alarms with LED Indicator
- ✓ Stores Samples in Non-Volatile Memory
- ✓ Software Available for DOS, Windows or Macintosh



The **NOMAD** Series Dataloggers are low-cost easy-to-use portable dataloggers which can record either temperature or temperature and humidity data. Because of its compact size, it is ideally suited for applications where space limitations exist. The NOMAD-T datalogger measures and records temperature only, using the internal temperature sensor or the optional remote sensor.

The **NOMAD-RH Series Datalogger** will measure and record both temperature and relative humidity simultaneously using the internal sensors. In addition to the temperature and humidity, the NOMAD datalogger will also store the unit identification number, start time, sample interval and descriptive text relating to the logging session. The NOMAD datalogger also features programmable alarm limits. If an alarm condition occurs, an on board LED will light when the pushbutton is pressed. Once collected, the data may be downloaded to a computer through a standard RS-232 connection using one of the three available software packages.

Software is available which will operate under DOS, Windows or on a Macintosh computer. Once downloaded to a computer, the data may then be stored on disk in a file format which is compatible with most spreadsheets. The Windows and Macintosh programs also provide graphic display and print out of the data.



The NOMAD datalogger is available with Windows or Macintosh software. Collected data may be stored in convenient spreadsheet format.

Easy to use software provides clear graphs; data can be exported to any spreadsheet or database program for later analysis (Windows software shown).

SPECIFICATIONS

Temperature Range: with external temperature sensor -40 to 123°C (-40 to 253°F); with internal sensor -40 to 70°C (-40 to 158°F)

Temperature Accuracy: ±1.8°C

Temperature Sensor: RTD 1k ohm, $\alpha = 3750$

Humidity Range: 20 to 90% RH @ 25°C, non-condensing

Operating Temperature Range: 0 to 50°C (32 to 122°F)

Humidity Accuracy: ±5% @ 25°C, 60% RH of ± 0.3 RH/°C away from 25°C

Humidity Sensor: bulk polymer resistive

Humidity Response Time: <3 minutes 63% step change in greater than <5 minutes

Memory: EEPROM Storage 32K

Measurement Interval: Programmable from 1 sec. per reading to 3 hours

Temperature Resolution: Better than 1°C

Battery: 3.6 V AA, lithium cell approx. 2 years cell life.

To Order (Specify Model No.) *Prices shown in U.S. Dollars*

Model No.	Description	Price
OM-NOMAD-T-16	Temp. datalogger, 16K (16,192 samples)	\$135
OM-NOMAD-RH-32	Temp./RH datalogger 32K (16,192 samples)	\$185

ACCESSORIES/OPTIONS

Model No.	Description	Price
OM-NOMAD-RTD	External temperature sensor with 6' cable*	\$45
OM-NOMAD-CP9	RS-232 cable for IBM PC, 9-pin female connector	\$9
OM-NOMAD-CP25	RS-232 cable for IBM PC, 25-pin female connector	\$9
OM-NOMAD-CM	RS-232 cable for Macintosh	\$9
OM-NOMAD-WIN	Windows and DOS software, 3 1/2" disk	\$49
OM-NOMAD-MAC	Macintosh software	\$49
OM-NOMAD-BATT	Replacement battery	\$12

* External temperature sensor cannot be used with OM-NOMAD-RH Models.

Ordering Example: OM-NOMAD-RH-32, Temp/RH datalogger 32K memory, OM-NOMAD-WIN Windows and DOS software, and OM-NOMAD-CP25 RS-232 cable for IBM PC with 25-pin connector, \$185 + 49 + 9 = **\$243**.