OM-CP-RHTEMP2000
Humidity and Temperature
Data Logger with LCD Display
Part of the NOMAD® Family

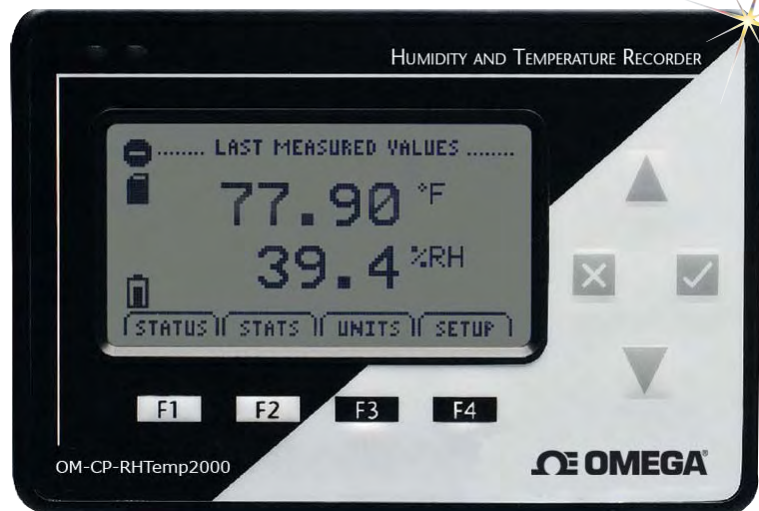$**399**
Basic Unit

MADE IN USA · 5 YEAR WARRANTY · CE

✔ **Large, Backlit LCD Display**
✔ **Front Keypad with Lock Feature**
✔ **User-Selectable Measurement Units**
✔ **Simultaneous Display of Temperature and Humidity**
✔ **NIST Traceable Calibration**
✔ **Min/Max & Average Statistics**
✔ **Programmable Start/Stop Time**
✔ **Convenient Status Indicators**
✔ **User Replaceable Battery and External Power**
✔ **Wall Mountable**

The OM-CP-RHTEMP2000 is perfect for applications requiring instant remote readings of environmental parameters, including temperature and humidity.

The 8-button keypad and large LCD provide convenient access to current data and recorder setup. Additionally, memory and battery levels, external power status, and sampling and recording status are shown on the LCD.

OM-CP-RHTEMP2000, $399, data logger shown larger than actual size.

Available on-screen data includes: statistics (min, max, average) for both channels; recording status (start, stop and recording rate); display options (channels shown, units, text size); and calibration information (date calibrated, date for recalibration). Statistics can be cleared at any time during logging.

With 131,071 readings per channel, the OM-CP-RHTEMP2000 has one of the largest memory capacities of any similar data recorder on the market. The non-volatile memory will retain recorded data, even if AC and battery power are lost.

The OM-CP-RHTEMP2000 runs on a 9 V battery with a typical battery life of 1 year, at a 1 minute reading rate with the display off. With continuous LCD and no backlight usage, the average battery life is 30 days. For power savings, both the LCD and backlight have configurable auto-off options.
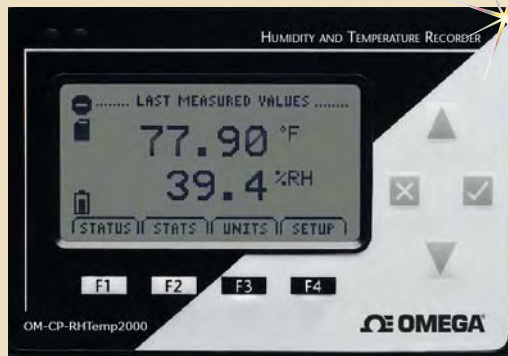
Those wanting to keep the LCD display and backlight continuously active need only to connect the unit to an AC power supply, keeping the 9 V battery connected as a back-up.

NIST traceable calibration is available for users needing to meet regulatory requirements.
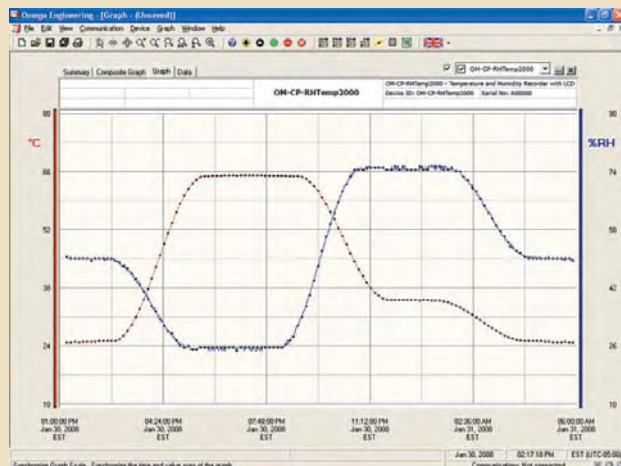
Creating permanent records, performing data calculations, and the graphing of data is quick and easy: Simply connect the interface cable to an available USB or serial port and, with a few clicks of the mouse, data is downloaded and ready for review or export to Excel.

Specifications
TEMPERATURE
Range: -20 to 60ºC; (-4 to 140°F)
Resolution: 0.1ºC
Calibrated Accuracy: ±0.5ºC (0 to 50ºC)

OM-CP-RHTEMP2000, $399, data logger shown larger than actual size.

OM-CP-IFC110, $99, Windows software, displays data in graphical or tabular format

HUMIDITY
Range: 0 to 95% RH
Resolution: 0.1% RH
Calibrated Accuracy: ±3% RH
(±2% RH typical at 25ºC)
Specified Accuracy Range:
10 to 40°C, 10 to 80% RH

DOT-MATRIX LCD
Dimensions: 2.5 x 1.375"
(63 mm x 35 mm)
Text: Configurable channel
text size
Indicators: Power, status, memory
Backlight: Configurable w/auto
shut-off and contrast adjustment
Start/Stop Time: Software
programmable start time
and date, up to six months in
advance; programmable stop time
Memory: 131,071 readings
per channel; 262,142 total
readings; software configurable
memory wrap
Reading Rate: 1 reading every
2 seconds to 1 every 24 hours
Calibration: Digital calibration
through software
Calibration Date: Automatically
recorded within device
Battery Type: 9 V lithium battery
included, user replaceable;
optional AC adapter

Battery Life: 1 year battery life
at 1 min reading rate with display
off. 30 days typical with continuous
LCD and no backlight usage.
Unit Display: Date and time
stamped ºC, ºF, K, ºR ; %RH, mg/
ml water vapor concentration,
dew point
Time Accuracy: ±1 minute/month
at 20 to 30°C (68 to 86°F)
Computer Interface: PC serial
or USB (interface cable required);
115,200 baud

Software:
WIN98/NT/2000/XP/VISTA 32-bit
(VISTA 32-bit version only;
VISTA 64-bit is not supported)
Operating Environment:
-20 to 60ºC, (-4 to 140°F)
0 to 95% RH non-condensing
Dimensions: 4.8 x 3.3 x 1.25"
(122 mm x 84 mm x 32 mm)
Weight: 16 oz (440 g)
Enclosure: Black anodized
aluminum

AVAILABLE FOR FAST DELIVERY!

To Order *(Specify Model Number)*

Model No.	Price	Description
OM-CP-RHTEMP2000	$399	Humidity and temperature data logger with LCD display
OM-CP-RHTEMP2000-CERT	519	Humidity and temperature data logger with LCD display and NIST calibration certificate
OM-CP-IFC110	99	Windows software and 1.2 m (4') RS-232 cable with DB9F termination
OM-CP-IFC200	119	Windows software and 3.7 m (12') USB interface cable
OM-CP-BAT103	20	Replacement 9V lithium battery
OM-CP-110-PWR-2000	13	110 Vac power adapter
OM-CP-220-PWR-2000	13	220 Vac power adapter

Operator's manual included.
Ordering Example: OM-CP-RHTEMP2000-CERT** humidity and temperature data logger with NIST calibration certificate, **OM-CP-IFC110** Windows software, $519 + 99 = **$618.

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• Data Acquisition

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• Heaters

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