

OM-CP-RHTEMP2000 Humidity and Temperature Data Logger with LCD Display

Part of the NOMAD® Family

\$399

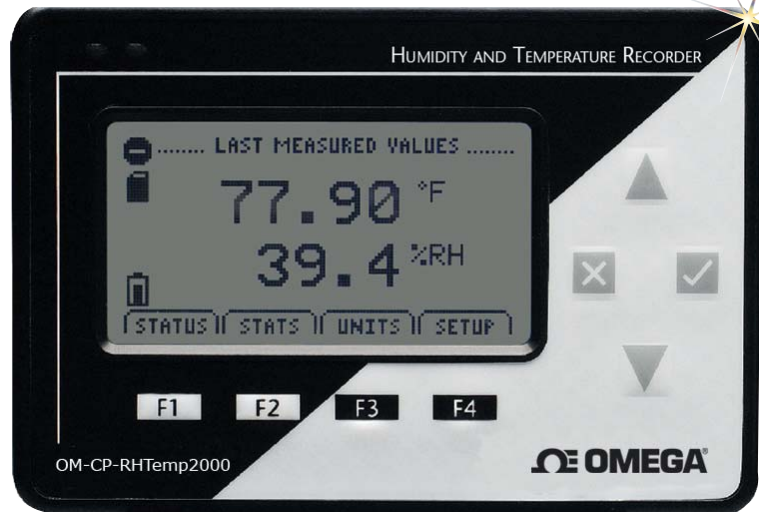
Basic Unit



- ✓ 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.

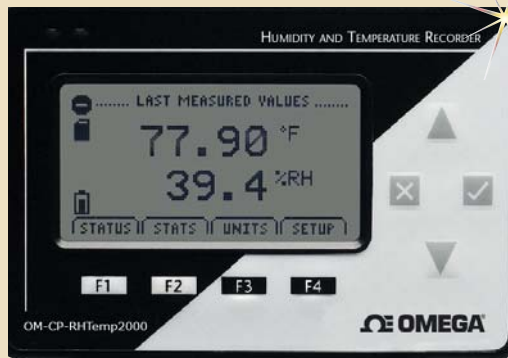
Those wanting to keep the LCD display and backlight continuously active need only to connect the unit to an AC power supply, keeping the 9 V battery connected as a back-up.

NIST traceable calibration is available for users needing to meet regulatory requirements.

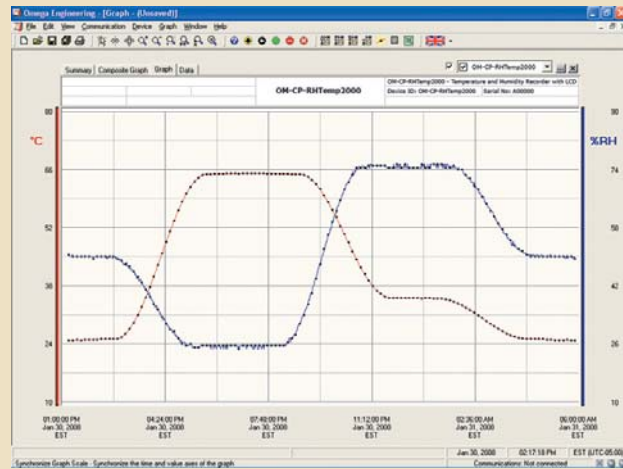
Creating permanent records, performing data calculations, and the graphing of data is quick and easy: Simply connect the interface cable to an available USB or serial port and, with a few clicks of the mouse, data is downloaded and ready for review or export to Excel.

Specifications

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



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 25°C)

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 °C, °F, K, °R; %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 60°C, (-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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• Flow and Level

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• pH and Conductivity

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• Data Acquisition

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• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters