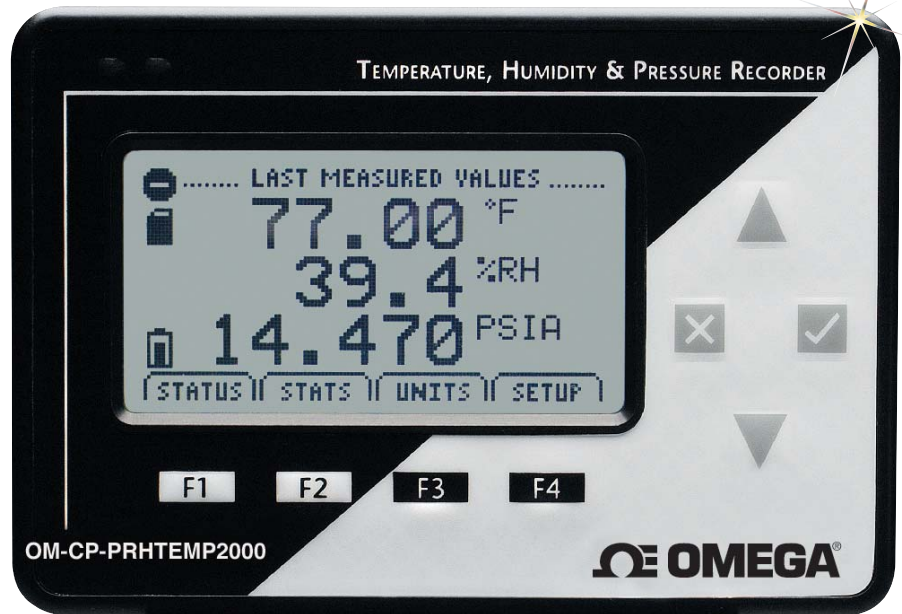


## Pressure, Humidity and Temperature Data Logger with LCD Display Part of the NOMAD® Family

OM-CP-PRHTEMP2000  
Starts at  
**\$499**



Optional



OM-CP-PRHTEMP2000

OM-CP-PRHTEMP2000, \$499,  
shown larger than actual size.

- ✓ Large Backlit LCD Display
- ✓ Front Keypad With Lock Feature
- ✓ User-Selectable Measurement Units
- ✓ Simultaneous Display of Temperature Humidity and Pressure
- ✓ NIST Traceable Calibration (Optional)
- ✓ Min/Max and Average Statistics
- ✓ Programmable Start/Stop Time
- ✓ Convenient Status Indicators
- ✓ User Replaceable Battery and External Power
- ✓ Wall Mountable

The OM-CP-PRHTEMP2000 is perfect for applications requiring instant remote readings of environmental parameters, including temperature, humidity and atmospheric pressure. The 8-button keypad and large LCD provide convenient access to current data and recorder setup. Additionally, memory and battery levels, external power status, sampling and recording status are shown on the LCD. Available on-screen data includes: statistics (min, max, average) for all three 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 87,381 readings per channel, the OM-CP-PRHTEMP2000 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-PRHTEMP2000 typically runs up to one month on a user-replaceable 9V battery (at a 1-minute reading rate with continuous LCD usage and no backlight). For further 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 plug the unit to an optional AC power supply, keeping the 9V battery (included) 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)

#### HUMIDITY

**Range:** 0 to 95% RH  
non-condensing

**Resolution:** 0.1% RH

**Calibrated Accuracy:** ±3% RH  
(±2% RH typical at 25°C)

**Specified Accuracy Range:**  
10 to 40°C (50 to 104°F),  
10 to 80% RH

#### PRESSURE

**Range:** 0 to 30 psia

**Resolution:** 0.002 psia

**Calibrated Accuracy:**  
±1.0% FSR at 25°C; ±0.2% typical

#### DOT-MATRIX LCD

##### Dimensions:

35 H x 63 mm W (1.375 x 2.5")

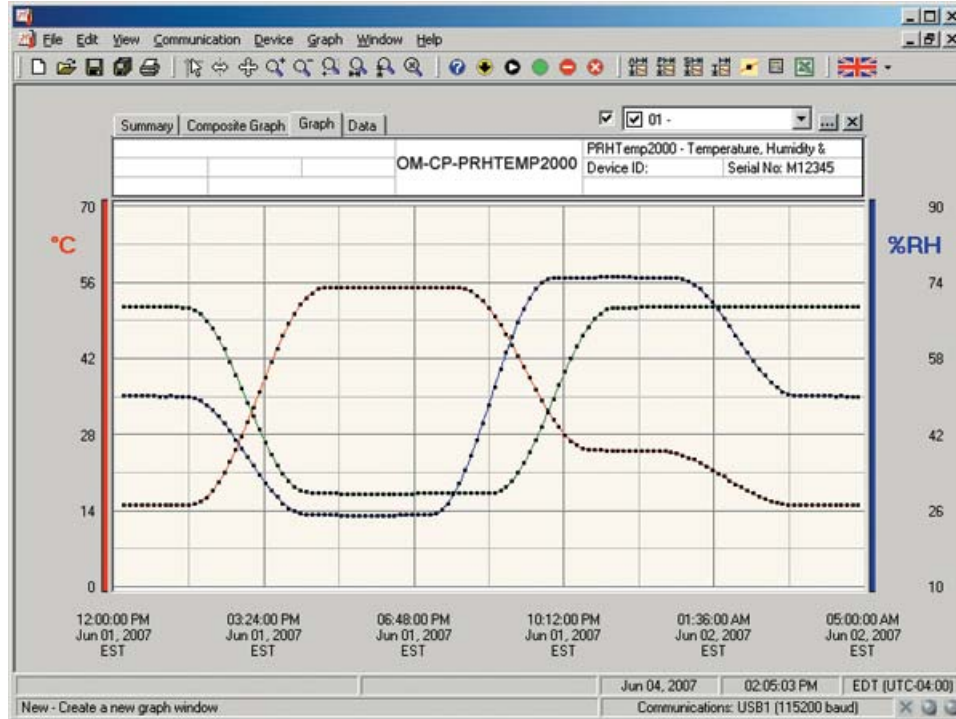
**Text:** Configurable channel text size

**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:** 87,381 readings per channel for a total of 262,143 total readings; software configurable memory wrap



OM-CP-IFC200, \$119, Windows software displays data in graphical or tabular format.

**Reading Interval:** 1 reading every 2 seconds to 1 every 24 hours

**Calibration:** Digital calibration through software

**Calibration Date:** Automatically recorded within device

**Power:** 9V lithium battery (included); optional AC adaptor

**User Replaceable Battery:**

30 days typical battery life

**Data Format:** Date and time stamped °C, °F, °K, °R; %RH, mg/ml water vapor concentration, dew point; psia, inHg, mmHg, bar, atm, Torr, Pa, kPa, MPa

**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:** 84 H x 122 W x 32 mm D (3.3 x 4.8 x 1.25")

**Weight:** 440 g (16 oz)

**Enclosure:** Black anodized aluminum



OM-CP-PRHTEMP2000, \$499, shown smaller than actual size.

**AVAILABLE FOR FAST DELIVERY!**

## To Order (Specify Model Number)

Model No.	Price	Description
OM-CP-PRHTEMP2000	\$499	Pressure, humidity and temperature data logger with with LCD display
OM-CP-PRHTEMP2000-CERT	679	Pressure, humidity and temperature data logger with with LCD display and NIST calibration certificate
OM-CP-IFC110	99	Windows software and 1.2 m (4') RS232 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 adaptor
OM-CP-220-PWR-2000	13	220 Vac power adaptor

Comes complete with operator's manual and 9V battery. The OM-CP-FC110, software, and RS232 cable (required to operate the data logger) are sold separately.

**Ordering Example:** OM-CP-PRHTEMP2000-CERT, pressure, humidity and temperature data logger with NIST calibration certificate, OM-CP-IFC110 Windows software, and RS232 cable, \$679 + 99 = \$778.



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