

HUMIDITY & TEMPERATURE DATA LOGGER WITH LCD DISPLAY

Telatemp's Micro RHTemp2000 ML-LCD-HT Humidity & Temperature Data Logger with LCD display measures a temperature range of -20°C to +60°C (-4°F to +140°F) with a resolution of 0.1°C and 0 to 95% RH humidity range with a resolution of 0.1%RH. The ML-LCD-HT measures and records up to 131,071 readings per channel and is an excellent choice for applications requiring instant remote readings of environmental parameters, including humidity and temperature. The non-volatile memory will retain recorded data, even if AC and battery power are lost.

The ML-LCD-HT Data Logger runs on a 9V battery at a 1 minute reading rate with the display off and a typical battery life of 1 year. With continuous LCD and no backlight usage, the average battery life is 30 days. For power savings, both the LCD and no backlight have configurable auto-off options. It is recommended to connect the data logger to an AC power supply if the LCD display and backlight are to be kept continuously active, with the battery connected as a back-up.

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 the Telatemp Micro Series Software*, starting, stopping and downloading from the ML-LCD-HT Data Logger is simple and easy. Data can also be viewed in graphical, tabular, and summary form, displayed in date and time stamped °C, °F, K, °R; %RH, mg/ml water vapor concentration, dew point. The data can also be exported to Excel® for further calculations.

Complete user manual can be viewed onscreen or printed out from the software.

*MLSP-USB Software & USB Interface is required.

FEATURES

- Large, backlit LCD display
- Front keypad w/lock feature
- User-selectable measurement units
- Simultaneous display of temperature and humidity
- N.I.S.T. traceable calibration
- Min./max. & average statistics
- Programmable start/stop time
- Convenient status indicators
- User replaceable battery and external power
- Wall mountable

APPLICATIONS

- Remote data logging
- Warehouse monitoring
- HVAC
- Medical and Pharmaceutical
- Museum monitoring
- Environmental studies
- Implement HACCP programs
- Refrigeration
- Mineral Processing
- Electrostatic Separation

TO ORDER

- Micro RHTemp2000 ML-LCD-HT Humidity & Temperature Data Logger with LCD Display
- MLSP-USB Software & USB Interface



WARRANTY: The following is made in lieu of all warranties, expressed or implied, including the implied warranties of merchantability and fitness of purpose: Seller's and manufacturers' only obligation shall be to replace such quantity of the product proved by Telatemp Corporation to be defective.

**Prices and specifications are subject to change without notice.*

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MICRO RHTEMP2000 ML-LCD-HT HUMIDITY & TEMPERATURE DATA LOGGER WITH LCD DISPLAY

TEMPERATURE

Range: -20 to +60°C
Resolution: 0.1°C
Calibrated Accuracy: $\pm 0.5^\circ\text{C}$ (0 to +50°C)

HUMIDITY

Range: 0 to 95%RH
Resolution: 0.1%RH
Calibrated Accuracy: $\pm 3\%$ RH ($\pm 2\%$ 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+(63mm x 35mm)
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; 262,143 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: Replaceable 9V lithium battery included 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)
Computer Interface: USB (interface cable required); 115,200 baud
Software: XP SP3 / Vista / Windows 7
Operating Environment: -20 to +60°C, 0 to 95%RH non-condensing
Dimensions: 4.8+x 3.3+x 1.25+(122mm x 84mm x 32mm)
Weight: 16 oz (440 g)
Enclosure: Black anodized aluminum
Approvals: CE

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