

VALUTEMP-RH MAKES SAFEGUARDING AGAINST DANGEROUS ENVIRONMENTS SIMPLE

Telatemp's Micro ValuTemp-RH is a low cost, reusable data logger that can be used to record temperatures from -40 to +80°C and humidity from 0 to 95%RH. Recording up to 16,383 readings per channel in its non-volatile memory, this instrument is ideal for monitoring temperatures and humidity in transportation and storage, horticulture, heating and ventilation and many other applications. With a temperature resolution of 0.1°C, humidity resolution of 0.1%RH, and a calibrated accuracy of $\pm 0.5^{\circ}\text{C}$ (0°C to 50°C) and $\pm 3.0\%\text{RH}$ (10% to 80%RH), this compact data logger also features an LED alarm indication and a one year battery life (battery included).

Relevant applications include: HACCP programs, cold chain monitoring, transportation and storage, heating and ventilation, refrigerated environments, medical and pharmaceutical, meat aging, laboratory, research and development.

With the Telatemp Micro Series Software*, starting, stopping and downloading from the ValuTemp-RH is simple and easy. Data can also be viewed in graphical, tabular, and summary form, displayed in $^{\circ}\text{C}$, $^{\circ}\text{F}$, K or $^{\circ}\text{Rankine}$, %RH, mg/ml water vapor concentration and saved to your PC as an electronic file. 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

- Push button Start/Stop
- LED Alarm Indication
- User Selectable Alarm Limits
- Reusable
- Programmable Start Time
- Real-Time Recording
- Miniature Size
- 38,400 Baud Offload Speed
- CE Approved

BENEFITS

- Simple Setup and Installation
- Minimal Long-Term Maintenance
- Long-Term Field Deployment

SOFTWARE APPLICATIONS

- Multiple graph overlay
- Statistics
- Graphical Cursor
- Data Table
- Formatting and Scaling Options

TO ORDER

- ML-VT3RH Micro Valutemp-RH Data Logger
- 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 manufacturer's only obligation shall be to replace such quantity of the product proved by Telatemp Corporation to be defective.

LIMITATION OF LIABILITY: All physical properties, statements, and recommendations are either based on tests we believe to be reliable or our experience, but they are not guaranteed. Telatemp Corporation recommends each user determine the suitability of the products for the intended application. Telatemp Corporation shall not be liable for direct, indirect, special, incidental or consequential damages based upon breach of warranty, breach of contract, negligence, strict liability or any other legal theory.

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

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Micro Valutemp-RH ML-VT3RH Data Logger

Temperature Sensor:	Semiconductor
Temperature Range:	-40°C to +80°C
Temperature Resolution:	0.1°C
Calibrated Accuracy:	±0.5°C (0 to +50°C)
Humidity Sensor:	Semiconductor
Humidity Range:	0 to 95%RH
Humidity Resolution:	0.1%RH
Calibrated Accuracy:	±3.0%RH (±2%RH typical at 25°C)
Accuracy Range:	+10 to +40°C, 10 to 80%RH
Response Time:	90% change in 60 seconds in slow moving air
Activity Indicator:	Green LED blinks every 15 seconds to indicate device has been started
Temperature Alarm:	Programmable high and low limits; when logged data reaches or exceeds either limit, red LED blinks every 3 seconds
Start Modes:	Software programmable immediate start or delay start up to six months in advance; or external pushbutton start/stop
Real Time Recording:	May be used with PC to monitor and record data in real-time
Data Format:	Date and time stamped °C, °F, K, °R; %RH, mg/ml water vapor concentration
Memory:	16,383 readings per channel; 32,766 total readings
Reading Rate:	Once per 5 seconds to once every 30 minutes
Calibration:	Digital calibration through software
Calibration Date:	Automatically recorded within device
Battery Type:	Replaceable lithium 3.6V
Battery Life:	1 year typical (1 minute reading rate at 25°C)
Time Accuracy:	±2 minute/month at 25°C
Computer Interface:	PC serial or USB (interface cable required); 38,400 baud
Software:	XP SP3 / Vista / Windows 7
Operating Environment:	-40 to +80°C, 0 to 95%RH non-condensing
Dimensions:	1.40x 2.20x 0.60(36mm x 56mm x 16mm)
Weight:	0.9 oz (24 g)
Case:	ABS plastic
Approvals:	CE

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