

VALUTEMP LOWERS THE COST OF HIGH-ACCURACY TEMPERATURE LOGGING

Telatemp's Micro ValuTemp ML-VT3 is a low cost, reusable data logger that can be used to record temperatures from -40°C to +80°C and will record up to 16,383 readings in its non-volatile memory. This instrument is ideal for monitoring temperatures in dry applications such as shipping, museums, and warehouses. It has a temperature resolution of 0.1°C, a calibrated accuracy of $\pm 0.5^\circ\text{C}$ from 0°C to 50°C, features an LED alarm indication and a one year battery life (battery included).

Relevant applications include: HACCP programs, warehouse and museum monitoring, recording temperatures of perishable goods in transit as an alternative to strip chart recorders, medical and pharmaceutical.

With the Telatemp Micro Series Software*, starting, stopping and downloading from the ValuTemp ML-VT3 is simple and easy. Data can also be viewed in graphical, tabular, and summary form, displayed in °C, °F, K or °Rankine 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

- Pushbutton Start/Stop
- LED Alarm Indication
- User Selectable Alarm Limits
- Reusable
- Programmable Start Time
- Real-time Operation
- 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
- Zoom in/ zoom out
- Lethality equations (PU, Fo)
- Mean Kinetic Temperature (MKT)
- Full time zone support
- Data annotation & Data table view
- Min./ Max./ Average lines

TO ORDER

- ML-VT3 Micro Thermocouple 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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VALUTEMP ML-VT3 SPECIFICATIONS:

- Temperature Sensor: Semiconductor
- Temperature Range: -40°C to +80°C
- Temperature Resolution: 0.1°C
- Calibrated Accuracy: ±0.5°C (0°C to +50°C)
- Alarm: Programmable high and low limits; when recorded data exceeds either limit, red LED blinks every 3 seconds
- Activity Indicator: Green LED blinks every 15 seconds to indicate device has been started
- 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
- Memory: 16,383 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)
- Data Format: Date and time stamped °C, °F, K, °R
- Time Accuracy: ±1 minute/month at 20°C (RS232 cable not in use)
- Computer Interface: PC serial or USB (interface cable required); 38,400baud
- Software: XP SP3 / Vista / Windows 7
- Operating Environment: -40 to +80°C, 0 to 95%RH non-condensing
- Dimensions: 1.4+x 2.2+x 0.6+(36mm x 56mm x 16mm)
- Weight: 0.8 oz (23 g)
- Materials: ABS plastic
- Approvals: CE

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