FOUR CHANNEL QUADTEMP2000 THERMOCOUPLE DATA LOGGER WITH LCD DISPLAY

Telatemp's Micro QuadTemp2000 ML-Quad-D thermocouple data logger with display is a four remote channel instrument that measures and records up to 500,000 readings per channel at a rate of up to 4 readings per second up to 1 every 24 hours with a resolution of 0.05°C and a rated accuracy of ±0.5°C (0 to +50°C). The device features onscreen minimum, maximum and average statistics, as well as a user configurable graphics screen that allows for any combination of channels to be displayed. The device accepts J, K, T, E, R, S, B and N type thermocouples. Data from all channels is simultaneously logged and displayed onscreen for real-time monitoring.

This instrument provides for multi-point remote temperature recording from a central location; in warehouse, refrigerator or oven monitoring, food processing, HVAC, industrial locations, engine studies, medical and pharmaceutical environments.

With the Telatemp Micro Series Software*, starting, stopping and downloading from the ML-Quad-D is simple and easy. Data can also be viewed in graphical, tabular, and summary form, displayed in °C, °F, K, °Rankine, mV, or V 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.
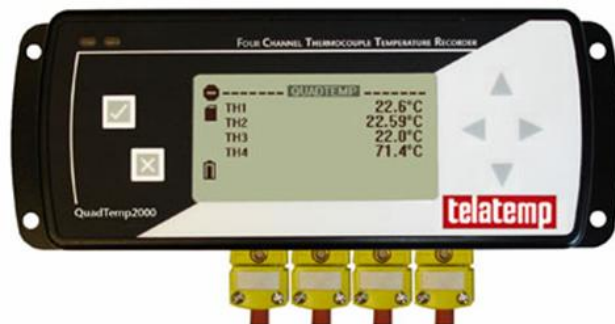
FEATURES
- Large Backlit LCD
- User-Friendly Front Panel
- Accepts thermocouple types J, K, T, E, R, S, B, N
- High speed downloading
- Onscreen statistics
- External power or user replaceable battery
- Low battery indicator

SOFTWARE FEATURES
- Multiple graph overlay
- Graphical Cursor
- Data Table
- Scaling Options
- Formatting Options
- Statistics
- Export Data
- Calibration
- Logger Configuration
- Communications

TO ORDER
- Micro QuadTemp2000 ML-Quad-D 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 manufacturers' 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.

CALL TOLL FREE HOTLINE 1-800-321-5160   www.telatemp.com
Telatemp Corporation   2910-C East La Palma Avenue   Anaheim, CA USA 92806
Phone +714-414-0343   Fax +714-414-0383   customerservice@telatemp.com

MICRO QUADTEMP2000 ML-QUAD-D TEMPERATURE DATA LOGGER SPECIFICATIONS:

<u>One Internal Channel</u>

Temperature Range:	-20°C to +60ºC
Temperature Resolution:	0.05ºC
Calibrated Accuracy:	±0.5ºC (0 to +50ºC)

<u>Four Remote Channels</u>

Thermocouple Types:	J , K, T, E, R, S, B, N
Thermocouple Connection:	Female Subminiature (SMP)
Cold Junction Compensation:	Automatic, based on internal channel
Maximum Thermocouple Resistance:	1000 , <100 recommended

Thermocouple Type:	Range	Resolution	Accuracy
J	-210 to +760	0.1°C	±0.5°C
K	-260 to +1370	0.1°C	±0.5°C
T	-260 to +400	0.1°C	±0.5°C
E	-260 to +980	0.1°C	±0.5°C
R	-50 to +1760	0.5 ºC	±2.0°C
S	-50 to +1760	0.5 ºC	±2.0°C
B	+60 to +1820	0.5 ºC	±2.0°C
N	-260 to +1300	0.1°C	±0.5°C

Start Modes:	Software programmable immediate start or delay start up to six months in advance
Real Time Recording:	May be used with PC to monitor and record data in real time
Memory:	500,000 readings per channel, channels can be disabled to increase memory
Reading Rate:	4 readings per second up to 1 every 24 hours
Calibration:	Digital calibration through software
Calibration Date:	Automatically recorded within device
Battery Type:	Replaceable 9 Volt lithium or alkaline battery included
Battery Life:	12 months typical
Data Format:	Date and time stamped ºC, ºF, K, ºR, mV, V
Time Accuracy:	±1 minute/month
Computer Interface:	USB (Interface cable required); 115,200 baud
Software:	XP SP3 / Vista / Windows 7
Operating Environment:	-20°C to +60ºC, 0 to 95%RH non-condensing
Dimensions:	7.24" x 2.7" x 1.14+(183mm x 68mm x 29mm)
Material:	Black anodized aluminum
Weight:	14.8 oz (420 g)
Approvals:	CE

Prices and specifications are subject to change without notice.

CALL TOLL FREE HOTLINE 1-800-321-5160   www.telatemp.com
Telatemp Corporation   2910-C East La Palma Avenue   Anaheim, CA USA 92806
Phone +714-414-0343 Fax +714-414-0383 customerservice@telatemp.com