

SUBMERSIBLE DATA LOGGER WITH 7" PROBE

Telatempc Micro Submersible ML-HTS-B-P Temperature Data Logger with 7+ probe allows for measuring temperatures with precision. The data logger body is rated for -40°C to +125°C with a probe resolution of 0.05°C and a probe range of -50°C to +400°C. The ML-HTS-B-P is submersible and can be used during washing or spraying. The food-grade 7+ probe has a sharp point for easy insertion into a product. This durable data logger will record up to 32,767 date and time stamped temperature readings at user-defined intervals from 1 reading every 2 seconds to once every 12 hours. This instrument utilizes a low power microprocessor to record data into a non-volatile memory and operates on a replaceable lithium battery (included).

Relevant applications include; HACCP programs, food preparation and processing, environmental studies, well monitoring, dishwasher testing, hostile environment monitoring, medical and pharmaceutical.

With the Telatemp Micro Series Software*, starting, stopping and downloading from the Micro Submersible ML-HTS-B-P is simple and easy. Data can also be viewed in graphical, tabular, and summary form, displayed in °C, °F, K or °Rankine. The software also supports pasteurization units (PU), Fo and MKT analyses. The data can be saved to your PC as an electronic file and 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

- Submersible
- Rugged
- Reusable
- Programmable start time
- Real-time operation
- N.I.S.T. traceable
- User-friendly
- CE compliant

BENEFITS

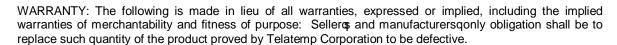
- Simple Setup and Installation
- Minimal Long-Term Maintenance
- Long-Term Field Deployment

SOFTWARE FEATURES

- 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-HTS-B-P Micro Submersible Data Logger w/ 7+Probe
- MLSP-USB Software & USB Interface



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.





Micro Submersible ML-HTS-B-P Data Logger

MICRO SUBMERSIBLE ML-HTS-B-P SPECIFICATIONS:

Temperature Sensor: 100 Platinum RTD
Temperature Range: -40°C to +125°C

Probe Range: -50°C to +400°C

Temperature Resolution: 0.05°C Calibrated Accuracy: ±0.5°C

Specified Accuracy Range: 100°C span between calibration points

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: 32,767 readings

Reading Rate: 1 reading every 2 seconds to once every 12 hours

Lethality Equations: Sterilization Units and Pasteurization Units are available in

software with the click of a button

Calibration: Digital calibration through software
Calibration Date: Automatically recorded within device
Battery Type: Replaceable 3.6V lithium battery included
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); 2,400 baud

Software: XP SP3 / Vista / Windows 7

Operating Environment: -40°C to +125°C, 0%RH to 100%RH, submersible to 150q

Body Dimensions: 4.5" x 1.0" dia. (115mm x 26mm dia.)

Probe Dimensions: 6.75+x 3/16+dia. (172mm x 5 mm dia.)

Enclosure: 303 stainless steel
Probe: 304 stainless steel
Weight: 7.3 oz (205g)

Approvals: CE