

SUBMERSIBLE HIGH TEMPERATURE DATA LOGGER FEATURES 10.8 INCH BENDABLE PROBE*

Telatempc Micro Submersible ML-HTS-C-P Temperature Data Logger is designed to record temperatures between -40°C to +150°C (probe range -50°C to +400°C) with 0.05°C resolution and ±0.5°C accuracy. This compact, portable 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 1 every 12 hours. It utilizes a low power microprocessor to record data into a non-volatile memory and operates on a replaceable lithium battery (included).

*The ML-HTS-C-P features a 10.8+ bendable external probe that provides for a minimum 2+ bending radius, bending only once. Do not bend the probe anywhere along the first 2.5+ from the tip. We recommend the bend be formed around a circular object with a measured radius of at least 2+

Relevant applications include: HACCP programs, autoclave verification, food preparation and processing, environmental studies, well monitoring, dishwasher testing, medical and pharmaceutical.

With the Telatemp Micro Series Software*, starting, stopping and downloading from the Micro Submersible ML-HTS-C-P 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

- Bendable temperature probe
- Extended temperature range
- Rugged & reusable
- Submersible
- Programmable start time
- Real-time operation
- N.I.S.T. traceable
- User-friendly
- CE compliant

BENEFITS

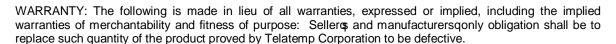
- Simple Setup and Installation
- Minimal Long-Term Maintenance
- Long-Term Field Deployment

SOFTWARE 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-HTS-C-P Micro Submersible Data Logger w/ 10.8+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.

*Prices and specifications are subject to change without notice.





Micro Submersible ML-HTS-C-P Data Logger

MICRO SUBMERSIBLE ML-HTS-C-P SPECIFICATIONS:

Temperature Sensor: 100 Platinum RTD

Temperature Range: -40°C to +150°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 1 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 high-temperature lithium battery

Battery Life: 1 year typical (1 minute reading rate @ 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 to +150°C, 0 to 100%RH, submersible to 150q

Dimensions (Body): 5.7" x 1.25" dia. (145mm x 32mm)

Dimensions (Probe): 10.8+x 0.125+dia. (275mm x 4mm)

Enclosure: 303 stainless steel
Weight: 11.3 oz (320 g)

Approvals: CE