

DUAL TEMPERATURE LOGGER MICROPACK III



Dual temperature logger Micropack III

- Wireless temperature logger.
- Simultaneous measurement of ambient and product temperature.
- 16,000 recording points with NIST traceability
- Compliant with FDA 21 CFR Part 11*1
- Intrinsic safety
- Offset adjustment / Battery replacement



Adaptable to virtually any environment and situation, the MPIII temperature loggers measure less than one inch less than one inch (25.4mm without probe and thermal barrier). Their small size increases their versatility and accuracy, allowing them to be positioned in close proximity to or inside the objects to be monitored. From defrosting/freezing processes, ambient temperature processes to pasteurization, Eto sterilization and depyrogenation processes, the MPIII Temp, Hi Temp, Ext loggers provide accuracy over a very wide range. temperature.

High quality measurements

DataTrace temperature loggers make it easy to monitor processes over a wide temperature range and in a variety of industries and situations such as:

- Food, packaging and canning.
- Beverages, including wine and soft drinks.
- Pharmaceutical, including autoclaves and EtO (ethylene oxide).
- Sterilization autoclaves.
- Monitoring of compressed gas systems.
- Pressurized processes in reactors and streams.
- Textile industry.

The programming, use and battery replacement of our MPIII wireless temperature loggers are very simple and easy operations and can be programmed in seconds using software that allows data download, lethality calculations and the generation of time-saving which saves time and reduces the cost of system monitoring.



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Teinco S.L.



Date: 11/04/23



Page: 1 / 3

Datatrace software is very intuitive and highly secure (FDA compliant 21 CFR Part 11). It allows you to generate reports in any desired format and to use password to control access to the program, allowing the use of electronic signatures and automatic generation of documentation that can be used during audits to have perfectly ordered and documented all the tests carried out. Our software even allows to synchronize multiple achievements (of any type) in the same project..

Equipment specifications.

Operating Parameters	
Temperature	MPIII Temp: -20°C (-4°F) a +140°C (+284°F) MPIII HiTemp EXT*: -20°C (-4°F) a +400°C (+752°F)* <i>*Thermal barrier required for temperatures above 140°C.</i>
Temperature Accuracy	MPIII Temp: ± 0.1°C (±.2°F) MPIII HiTemp EXT*: ± 0.25°C (± 0.45°F); <200°C (392°F) ± 0.5°C (± 0.9°F); ≥200°C (392°F)
Maximum Operating Pressure	Up to 10 bar.
Dimensions and constructions	
Size	Width: 18mm x Length: 20mm* <i>*Size valid for logger body only</i>
Weight	15 grams* <i>*Weight valid for logger body only</i>
Material of Construction	316 stainless steel with IR ports Sapphire Windows

 	Dual temperature logger Micropack III	Date: 11/04/23
	Teinco S.L.	Page: 2 / 3

Sensors	
Temperature	MPIII Temp: Thermistor or RTD MPIII HiTemp EXT*: RTD
Measurement parameters	
Memory	16,000 temperature observations.
Intervalo de medición	Operator programmable. Intervals from 1 second to 18 hours.
Mechanical	
Calibration	Factory calibration (NIST traceable)
Battery type	Lithium (field replaceable)
Clock accuracy	26 seconds every 24 hours
Certifications	LCIE EEx (for intrinsic safety), EC
21 CFR Part 11 Compliant  	

All specifications and features shown herein are subject to change without notice.

* Consult the different versions of the software.