



## TEMPERATURE LOGGER MPRF

## Temperature logger MPRF

- Wireless temperature logger.
- Compact.
- 8,000 Logging 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, its small size increases its versatility and accuracy by allowing positioning in close proximity or inside objects to be monitored. Each logger allows the collection of 8,000 data in long duration processes.

### High-quality measurements

High quality measurements MPRF loggers ensure accurate monitoring over a wide range of temperatures in different industries and applications such as:

- Autoclaves
- Cooking and drying tunnels
- Incubators
- Freezers
- Sterilizers
- Pasteurizers
- Drying and curing chambers.

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



## Equipment specifications.

### Operating parameters

Temperature*	-80°C (-112°F) a +140°C (+284°F)
Temperature Accuracy	-80°C (-112°F) a -40°C (-40°F): ± 0.3°C (± 0.5°F); -40°C (-40°F) a +140°C (+284°F): ± 0.1°C (± 0.2°F);
Maximum Operating Pressure	Up to 10 bar.
Wireless Range:	30 m (line of sight)
Radio Frequency	2.4 GHz ISM band.
Recording Interval	5 s to 10 min. Range with radio; 1 s a 10 min: Range without radio
Calibration	Factory calibration (NIST traceability). Field calibration

### Dimensions and constructions

Size	Width: 22mm x Length: 91mm* <i>*Size valid only for the logger body</i>
Weight	89 grams* <i>*Size valid only for the logger body</i>
Construction Material	Inox 316 y ULTEM o PCTFE
Battery	AA Lithium (Field Replaceable)
Battery Life	6 months to 1 year (depending on conditions of use)
Certified	ATEX (Intrinsic Safety)

21 CFR Part 11  
Compliant



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

\*

<sup>1</sup>Consult the different versions of the software. \* Below -40°C requires special calibration.



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