MicroW S Flexible



MicroW S Flexible is a miniaturized temperature data logger from 0°C to 140°C (calibration from 25°C to 140°C) with 30 cm felxible probe and 50 mm or on demand length external probe (probes cannot be switched) on a 5 mm base (base height is not counted for probe length), managed with Windows software and USB interface (DiskInterface HS, Multibay). **Battery** is **user replaceable** and the data logger is **provided with an Reference traceable certificate** on 6 points. Extra battery kit included.



Applications

Validation

Sterilisation

Pharmaceutical

Healthcare

Medical

Laboratories

Food & Beverages

Pasteurisation

Main features

- With flexible cable to reach points that requires minimum encumbrance by the device
- Completely food grade and waterproof
- **All software calculate lethality value (F0, PU, A0 ecc.)**
- Low battery consumption for an extended battery life
- User replaceable battery (**software shows battery status**)
- Very easy to deploy in any type of package
- Reference traceable calibration certificate included
- Available **extended calibration from 0°C** (order extra calibration points)

Plus

- Extremely high accuracy and precision: with an accuracy of ± 0,1°C these devices can be employed in any application involving pharmaceuticals, food&beverages, validation, laboratory and medical field
- High accuracy even outside the calibration range
- Fast response time thanks to the 3 mm diameter probe
- Easy to use even in small and narrow places thanks to the flexible probe
- Printed reports compliant with health regulations and ISO (data are not editable in the software)

The system

The system is made up by:

- MicroW S Flexible temperature data logger
- DiskInterface HS or Universal Multibay
- TS Manager 3 software (compatible with the FDA 21 CFR Part 11 regulation)

Accessories

- TS Manager 3
- Tecno Calib
- DiskInterface HS
- Universal multibay
- Locking bolt
- Fastening system
- MicroW S, S-Micro heat protection 1
- MicroW S, S-Micro heat protection 2
- MicroW S, S-Micro heat protection 3
- Battery kit for MicroW S

Technical specifications

Dimensions	18 h X 20 Ø (mm)
Probe dimensions	Probe base dimensions 3 h X 14 Ø (mm) - Flexible probe 300 l X 2 Ø (mm) - Probe 50/on demand l X 3 Ø (mm) (l on demand: min. 40 mm / max. 175 mm. For longer probes ask for quotation)
Weight	17 g
Materials	Stainless steel AISI316L, PEEK, FKM (o-ring)
Temperature range	0 °C ÷ +140 °C
Standard calibration points (temperature)	25/50/75/100/121/140°C
Extra calibration points (temperature)	Within the range 0 °C ÷ +140 °C
Temperature resolution	0,01 °C
Temperature accuracy	± 0,1 °C (within the calibration range)
Memory (n. of acquisitions)	20.224
Acquisition step	From 1 every second up, with 1 second steps
Protection degree	IP68
Battery life	+10.000.000 acquisitions at 1 second step continuously (calculated time @25°C. Battery life may be shorter if used in low temperatures)
Software&Mobile App	TS Manager 3, Tecno Calib
Accessories	DiskInterface HS, Multibay universale

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