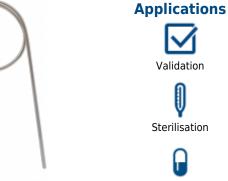
# MicroW S Bendable 2 mm

Temperature recording device from 0°C to 250°C (calibration from 25°C to 140°C, above 140°C the probe only resists) with 30 cm bendable probe and 2 mm diameter, managed with Windows software and USB interface (DiskInterface HS, Multibay). Battery is user replaceable and the data logger is provided with an Accredia (NIST equivalent) traceable cetificate on 6 points. Extra battery kit included.





Sterilisation

Validation

Pharmaceutical



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Medical

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### Main features

- With bendable cable to place the device near the packages instead on top and with rigid probe for penetration (first and last 30 mm cannot be bent)
- 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
- Accredia (NIST equivalent) traceable calibration certificate included
- Available extended calibration from 0°C to 250°C (order extra calibration points; in case of wide calibration range the accuracy might be worse. Request the possible calibration ranges in advance)

#### Plus

- Extremely high accuracy and precision: with an accuracy of ± 0,1°C these devices can be employed in any application involving food&beverages, pharmaceuticals, validation, laboratory and medical field
- High accuracy even outside the calibration range
- Fast response time thanks to the 2 mm diameter probe
- Easy to use even in small and narrow places thanks to the bendable 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 Bendable temperature data logger
- DiskInterface HS or Universal Multibay
- TS Manager 3 software (compatible with the FDA 21 CFR Part 11 regulation)





Food & Beverages



#### Accessories

- TS Manager 3
- DiskInterface HS
- Universal multibay
- 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                                | 14 h X 20 Ø (mm)   |
|---|--|
| Probe dimensions                          | Probe base dimensions 3 h X 14 Ø (mm) - Bendable probe 300/on demamnd l X 2 Ø (mm) (first and last 15 mm cannot be bent) |
| Weight                                    | 17 g   |
| Materials                                 | Stainless steel AISI316L, PEEK   |
| Temperature range                         | 0 °C ÷ +140 °C   |
| Sensor temperature range                  | 0 °C ÷ +250 °C   |
| Standard calibration points (temperature) | 25/50/75/100/121/140°C   |
| Extra calibration points (temperature)    | Within the range 0 °C $\div$ +250 °C   |
| Temperature resolution                    | 0,01 °C  |
| Temperature accuracy                      | $\pm$ 0,1 °C (within the calibration range)  |
| Memory (n. of acquisitions)               | 20.224   |
|   |  |
| Acquisition step                          | From 1 every second up, with 1 second steps  |
| Acquisition step<br>Protection degree     | From 1 every second up, with 1 second steps  |
|   |  |
| Protection degree                         | IP68<br>560.000 acquisitions at 1 second step continuously (calculated time @25°C. Battery life                          |



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