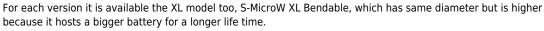
S-MicroW L Bendable

S-MicroW L Bendable is a temperature data logger from -40°C to 140°C (calibration from 25°C to 140°C) with 30 cm bendable 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 Accredia (NIST equivalent) traceable cetificate on 6 points.

The other versions of the data logger are:

- S-MicroW L: with rigid probe of different lengths
- S-MicroW L Flexible: with flexible cable probe and rigid probe at the end
- S-MicroW L Ultra Freeze: includes calibration points from -40°C for use also from -80°C



There are also other models of high temperature data loggers, for pressure and humidity too.

Note: if used below -30°C, battery life will be highly reduced.

Main features

- With bendable cable to place the device near the packages instead on top and with rigid probe for penetration
- 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 -40°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 \pm 0,1°C these devices can be employed in any application involving pharmaceuticals, 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 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:

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



Applications



Validation



Sterilisation



Pharmaceutical



Healthcare



Medical



Laboratories



Food & Beverages



Pasteurisation

Accessories

- SPDTS ManagerTecno Calib
- DiskInterface HS
- Universal multibay

- Locking bolt
 Fastening system
 Teflon protective tube
 S-MicroW L battery kit

Technical specifications

| Dimensions | 39 h X 20 Ø (mm) |
|---|--|
| Probe dimensions | Probe base dimensions 5 h X 14 Ø (mm) - Bendable probe 300 l X 2 Ø (mm) - Rigid probe base dimensions 5 h X 5,5 Ø (mm) - Probe 50 l X 3 Ø (mm) - Probe l on demand X 3 Ø (mm) (l on demand: min. 10 mm / max. 175 mm. For longer probes ask for quotation) |
| Weight | 50 gr |
| Materials | Stainless steel AISI316L, PEEK |
| Temperature range | -40°C ÷ +140°C |
| Sensor temperature range | -40 °C ÷ +250 °C |
| Standard calibration points (temperature) | 25/50/75/100/125/140°C |
| Extra calibration points (temperature) | Within the range -40 °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 |
| 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 | SPD, TS Manager |
| Accessories | DiskInterface HS, Multibay universale |