

HTLog-Series, Standard/Probe/Jumbo, High temperature data loggers, for sterilisation and pasteurisation processes

The System:

The loggers can be used with two different software:

- SoftWare, for quick & simple monitoring: start the devices, do your mission, download data and analyse.



Versions:

There are three versions available:

- Standard: simple disk.
- Probe: disk with external sensor of 10 mm, 30 mm, 50 mm length, 4 mm diameter; the 50 mm has a threaded part to screw the probe on different surfaces. High response time.
- Jumbo: bigger memory and extended battery life, with external sensor of 20, 60, 100, 125 mm length (or on demand), 3 mm diameter or 100 mm length and 5 mm diameter. Higher response time.

All the loggers are connected to the PC by means of the USB DiskInterface (Jumbo uses a special adapter).

Different probe lengths give you the possibility to always reach the core of your product and get a fast response time, important for short processes. Use several of these loggers to map your autoclave or pasteurisation tunnel and then to check every process you make.

Pros:

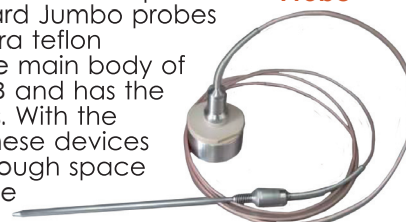
- High accuracy and precision.
- Long battery life & with the Jumbo version is even extended.
- Completely food grade & submersible.
- Printed reports compliant with health regulations and ISO (data are not editable in the software).
- F0 and PU calculation (Option).
- Provided with calibration certificate SIT traceable (standard on demand).
- Can be fixed to food package and surfaces with the Fastening System (only for Probe 50mm & Jumbo versions).
- Can be calibrated for low temperatures (-40°C).
- BATTERY IS USER REPLACEABLE.

Jumbo can come also with a special flexible external probe. The length of the stainless steel part of the probe is the same of the standard Jumbo probes (20, 60, 125 mm) and there is an extra teflon flexible cable that connects it to the main body of the device. The whole device is IP68 and has the same features of the normal probes. With the flexible probes it is possible to use these devices also in places where there is not enough space to put the logger on or inside the the product's package.



Fields of application:

Flexible External Probe



Model	Standard	Probe	Jumbo
Dimensions	18 hh X 36 diameter (mm)	18 hh X 36 diameter (mm)	22+13 probe base hh X35 diameter (mm)
Probe		10, 30, 50 hh X4 diameter (mm)	20, 60, 100, 125 hh or on demand X 3 diameter (mm) or 100 hh X 5 diameter (mm); flexible probe available too
Materials	Stainless steel AISI316L (completely Food Grade)	Stainless steel AISI316L (completely Food Grade)	Stainless steel AISI316L and Peek (completely Food Grade)
Temperature range	PasteurDisk: 0 °C ÷ +100 °C(up to 10 bar) – SterilDisk: 0 °C ÷ +140 °C(up to 10 bar)		
Temperature resolution	0.04°C		
Temp. accuracy	± 0.3°C		
Number of acquisitions	15.000	15.000	120.000
Acquisition rate	From 1 every second up		
Battery life	2 years with standard use (user replaceable)	2 years with standard use (user replaceable)	4 years with standard use (user replaceable)
Protection degree	IP68		
Communications	USB DiskInterface	USB DiskInterface	USB DiskInterface+adapter
Software			
Operating Systems	Windows 2000, XP, Vista, 7 (32 and 64 bit)		
Management data	Missions sorted by start date and logger serial number		
Visualization data	Graph (with zoom) and table (exportable into Excel) and report of all the data printing		
Visualization Fines-Diagram	Two or more missions can displayed on a single graph		
Fo and Parameters	Automatically calculates the F0 and the Z and N parameters of the formula can be set		
Languages	Italian, English, French, Spanish, German		