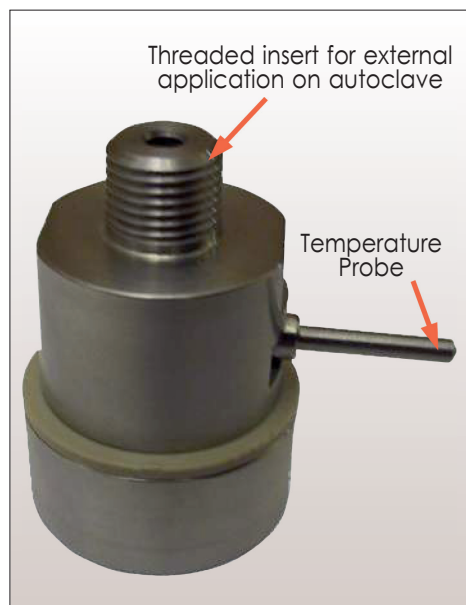




HTPLog-Series, Temperature & pressure logger for autoclaves with validation software compatible with FDA 21 CFR Part 11 regulations

The System:

The HTPLog is a data logger for temperature and pressure monitoring, in particular in autoclave, since it resists up to 140°C. Compatible with FDA 21 CFR Part 11 regulations, and one or more temperature loggers (the software can manage all of your devices).

All can log up to 140°C and resist up to 5 bar of pressure and can be used to map the autoclave and check it is working well.

All devices are in food grade material and are submersible, so that they can be used easily also in the food industry. PressureDisk is rugged, with a user replaceable battery that can work for several sterilisation cycles; the temperature sensor is on a radial probe while the pressure one is inserted in a threaded insert with a ½ Gas that can be screwed on standard receptacles on autoclaves.



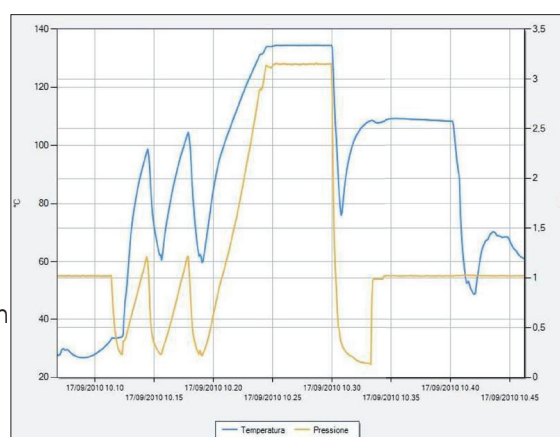
Fields of application:



Disk & all other loggers for autoclave

Applications:

- Validation of autoclaves or other instruments that need verification of pressure control.
- Internal pressure monitoring of food & non-food packaging during sterilisation process.
- Monitoring of sterilisation and pasteurisation processes.
- Ambient temp. & pressure monitoring.



Technical Data:

Dimensions	Diameter max: 35mm; hh: 43,22mm; threaded insert ½Gas: 11mm; temp. probe length: 23 mm, temp. probe diameter: 3 mm
Material	Stainless steel AISI316L, Peek: food grade
Temperature range	0°C ÷ 140°C; other intervals on request
Temp. resolution	0,02°C
Temp. accuracy	±0,2°C
Pressure range	10 mbar ÷ 5000 mbar absolute (calibration: 10-4000 mbar)
Pressure resolution	2 mbar
Pressure accuracy	15 mbar
Number of acquisitions	60576 (date, time, temperature, pressure)
Acquisition rate	From 1 acquisition every second up
Battery life	2 years with 10 seconds acquisition rate for 5 hours a day – user replaceable
Accessories	DiskInterface, adapter
Software	
Operating Systems	Operating Systems Windows XP, Vista, 7 (32 e 64 bit)
Data management	Database SQL client/server, data saved per mission, mission templates management, mission and customers archive (for validators)
Data display	HTML Report, graph with zoom & markers, table with statistics & analysis, export into Excel
Compliant with	FDA 21 CFR Part 11 compatible
Languages	English