PressureDisk V

PressureDisk V is a pressure data logger from 0 to 1,2 bar with 20 mm length external probe, 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 certificate** on different points.

It is particularly indicated for extreme vacuum monitoring, thanks to the low pressures high accuracy.

The other versions of the data logger are:
- PressureDisk: pressure and temperature data logger from -40 to a140°C and from 0 to 5 bar
- PressureDisk 05: pressure data logger from 0 to 5 bar

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



Applications

Validation

Pharmaceutical

Laboratories

Medical

Healthcare

Sterilisation

Main features

- Resists up to 140°C
- Completely food grade and waterproof
- 1/2 Gass threaded connector to be screwed outside autoclave (the logger can still be used inside the autoclave though)
- **All software calculate lethality value (F0, PU, A0 ecc.)**
- Low battery consumption for an extended battery life
- User **replaceable battery** (**software shows battery status**)
- Accredia (NIST equivalent) traceable calibration certificate included
- Available **extended calibration from -40°C** (order extra calibration points)

Plus

- Extremely high accuracy and precision in extreme vacuum
- Printed reports compliant with health regulations and ISO (data are not editable in the software)

The system

The system is made up by:
- PressureDisk temperature data logger
- DiskInterface HS or Universal Multibay
- HumiPressureDisk software or TS Manager software (compatible with the FDA 21 CFR Part 11 regulation)

Accessories

- HumiPressureDisk
- TS Manager
- DiskInterface HS
- Universal multibay
- PressureDisk battery kit

Technical specifications

Dimensions	43,22 h X 35 Ø (mm) - 55 (mm) total h with ½ Gass threaded part
Weight	145 gr
Materials	Stainless steel AISI316L, PEEK
Pressure range	0 mbar ÷ 1 bar assoluti
Standard calibration points (pressure)	10/30/100/300 absolute mbar
Extra calibration points (pressure)	Within the range 10 mbar ÷ 1 bar
Pressure resolution	2 mbar
Pressure accuracy	± 10 mbar
Memory (n. of acquisitions)	27.264
Acquisition step	From 1 every second up
Protection degree	IP68
Battery life	+6.000.000 acquisitions at 1 second step continuously (calculated time @25°C. Battery life may be shorter if used in low temperatures)
Software&Mobile App	HumiPressureDisk, TS Manager
Accessories	DiskInterface HS, Multibay universale

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