

# PressureDisk 05



PressureDisk 05 is a pressure data logger from 0 to 5 bar, 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.

The other version of the data logger are:

- PressureDisk: pressure and temperature data logger from -40 to a140°C and from 0 to 5 bar

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



## 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)
- **TS Manager software calculates 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: these devices can be employed in any application involving pharmaceuticals, validation, laboratory and medical field
- 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, S-Disk J, L-Disk battery kit
- Filter for PressureDisk

## Applications



Validation



Sterilisation



Pharmaceutical



Medical



Healthcare



Laboratories



Food & Beverages

## Technical specifications

|  |  |
|--|--|
| Dimensions                             | 43,22 h X 35 Ø (mm) - 55 (mm) total h with ½ Gass threaded part  |
| Weight                                 | 145 g  |
| Materials                              | Stainless steel AISI316L, PEEK   |
| Pressure range                         | 0 bar ÷ 5 bar absolute   |
| Standard calibration points (pressure) | 50/1k/2k/3k/4k absolute mbar   |
| Extra calibration points (pressure)    | Within the range 50 mbar ÷ 5 bar absolute  |
| Pressure resolution                    | 1 mbar   |
| Pressure accuracy                      | ± 15 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  |

