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 cetificate** 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.





Applications



• Pharmaceutical

θ

Medical

Main features

- Resists up to 140°C
- Completely food grade and waterproof
- 1/4 Gas 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
- TS Manager software (compatible with the FDA 21 CFR Part 11, Annex 11, GAMP 5 regulations)

Accessories

- TS Manager 3
- PressureDisk, S-Disk J, L-Disk battery kit
- Filter for PressureDisk



Healthcare



Technical specifications

| Dimensions | 43,22 h X 35 Ø (mm) - 55 (mm) total h with 1/4 Gas 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 | TS Manager 3, Tecno Calib |
| Accessories | DiskInterface HS, Multibay universale |



Tecnosoft srl Via Galvani, 4, 20068, Peschiera Borromeo (MI), Italy T: (+39) 02 2692 2888 - F: (+39) 02 2692 2875 email: info@tecnosoft.eu - web: www.tecnosoft.eu UNI EN ISO 9001:2008 Certiquality/IQNet N. 17733