

1-CUBE

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DIGITAL PRESSURE AND TEMPERATURE LOGGER SYSTEM FOR BOTTLES TYPE ICD-Log

Technical description:

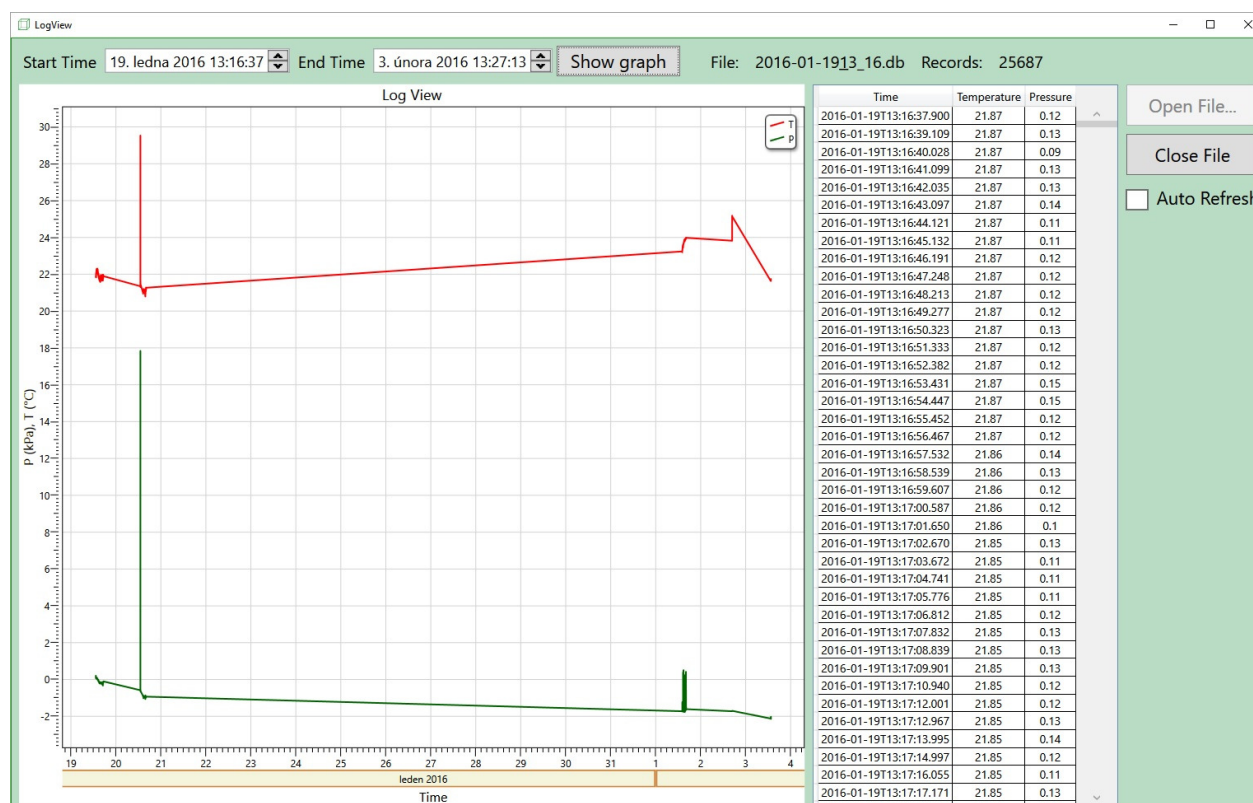
- Our Digital pressure and temperature logger system is applicable to different kinds of bottles which require pressure resistance.
- Measured pressure and temperature are recorded in internal memory and, at the same time, sent via USB. The measurement period can be adjusted from 1 second to 24 hours. The logger can be used as stand-alone recorder. Recorded data are then transferred to PC for evaluation. It can also be used with a PC connected to it, thus allowing longer logging sessions with direct visualization of curves.



The instrument consists of a device stand, a protective container with cover, a lifting mechanism, a piercing needle, a microcomputer with keyboard and display, pressure and temperature sensors, USB cable for data transfer to PC and software for PC.

PC Software Advantages:

- Support of operating systems WINDOWS 10, WINDOWS 8, WINDOWS 7, Vista, and XP with .NET4.0
- Transfer of data to a PC
- Graphic representation of temperature and pressure curves
- Graphics can be saved as pictures and printed out
- Tabular extract of measured values for export to spreadsheet



Technical parameters:

range of temperature measurement-3 to +100 °C
range of pressure measurement0 to 1600 kPa
accuracy of temperature measurement± 0.1 °C
accuracy of pressure measurement± 0.5%
size565 x 220 x 220 mm (h x w x l)
weight2.0 kg
period of measurementfrom 1 sec to 24 hours
power sourcerechargeable battery

Standard Model:

Consists of the measuring device, AC/DC adapter, a protective container with cover, USB cable for data transfer to PC, Windows software and user's guide.