# Datalogger for external CO2 probe up to 10.000 ppm with built-in atmospheric pressure sensor

code: U2422



Battery powered datalogger with internal atmospheric pressure sensor and for external $CO_2$ probe up to 10 000ppm. In case of exceeded set limits alarms are indicated by LED, LCD and acoustically by built-in beeper.

The recording is performed in a non-volatile electronic memory. The data can be transferred to a PC via USB-C.

Recorder **includes Traceable calibration certificate** with declared metrological traceability of etalons is based on requirements of **EN ISO/IEC 17025 standard.**

## Technical data

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| CO2 SENSOR | |
| Measuring range | 0 to 10 000 ppm |
| Accuracy | 100 ppm + 5% of the measured value at 23 °C a 1 013 hPa |
| Resolution | 1 ppm |
| External probe cable length CO2 | 1, 2 or 4 meters |
| ATMOSPHERIC PRESSURE SENSOR SENSOR | |
| Measuring range | 700 to 1100 hPa |
| Accuracy | ±1.3 hPa at 23 °C |
| Resolution | 0.1 hPa |
| GENERAL TECHNICAL DATA | |
| Operating temperature | -20 to +60 °C |
| Channels | internal sensor for atmospheric pressure and CO<sub>2</sub> sensor with the cable |
| Memory | 500,000 values in noncyclic logging mode; 350,000 values in cyclic record mode |
| Recording interval | adjustable from 10 s to 24 h |
| Display and alarm refresh | adjustable 1 s, 10 s, 1 min |
| Recording mode | noncyclic - data logging stops after filling the memory<br>cyclic - after filling memory oldest data is overwritten by new |
| Real time clock | year, leap year, month, day, hour, minute, second |
| Power | Li-Ion battery A8200, 3.6V/5200mAh |
| Protection class | IP54 |
| Dimensions | 61 x 93 x 53 mm |
| Weight (including batteries) | approx. 260 g |
| Warranty | 3 years |