

## CO2 data logger with built-in sensors

code: U8410



Datalogger is designed to record CO2 from built-in sensor. 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**

| CO2 SENSOR                   |   |
|------------------------------|---|
| Measuring range              | 0 to 5000 ppm   |
| Accuracy                     | ±(50ppm +3% from reading) at 25°C and 1013hPa   |
| Resolution                   | 1 ppm   |
| GENERAL TECHNICAL DATA       |   |
| Operating temperature        | -20 to +60 °C   |
| Channels                     | internal sensor for CO <sub>2</sub>   |
| Memory                       | 500,000 values in noncyclic logging mode; 350,000 values in cyclic record mode  |
| Recording interval           | adjustable from 1 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>br>cyclic - after filling memory oldest data is overwritten by new |
| Real time clock              | year, leap year, month, day, hour, minute, second   |
| Power                        | battery SONY Lilon 5200mAh  |
| Protection class             | IP20  |
| Dimensions                   | 61 x 93 x 53 mm   |
| Weight (including batteries) | approx. 250 g   |
| Warranty                     | 3 years   |