CO2 Analyser PCE-AQD 10

PCE-AQD 10 **CO2 Analyser**

CO2 datalogger for air quality testing / Adjustable storage rate / Backlit LCD / Storage on SD card / Storage as XLS

The CO2 data logger PCE-AQD 10 is used to measure air quality. The CO2 data logger measures carbon dioxide, temperature and humidity. The CO2 sensor from the CO2 data logger is separated from the main unit with a connection cable. The measured values are displayed on the large display of the CO2 data logger. The air quality measurement data is stored on an SD card. The CO2 data logger can set the measured data in adjustable intervals of 1 ... 600 seconds.

The CO2 data logger is used to monitor indoor air quality in lounges, offices, schools, etc. Through the SD memory, the CO2 measurement data can be monitored over a long period of time to initiate further measures to improve the room air quality.

▶ Memory on SD card
▶ 3 parameters of air quality
▶ CO2, air temperature and humidity
▶ Mains operation, A/C power adapter
▶ Save as XLS file
▶ Large display with lighting

Specifications

Measured quantity CO2

Measuring range	0 ... 4000 ppm
Resolution	1 ppm
Accuracy	± 70 ppm (<1000 ppm)
	± 5% of rdg. (<3000ppm =
	± 250 ppm (> 3000 ppm)

Measured air humidity

Measuring range	10 ... 90% rh
Resolution	0.1% RH
Accuracy	± (4% of rdg. + 1% rh) (> 70% rh)
	± 4% RH (<70% RH)

Measured variable temperature

Measuring range	0 ... 50°C / 32 ... 122°F
Resolution	0.1°C / 0.18°F
Accuracy	± 0.8°C / 1.4°F

Storage rate	1, 2, 5, 10, 30, 60, 120, 300, 600 seconds
Storage	SD card up to 16 GB
Display	LCD with lighting
Refresh rate display	1s
Power supply	6 x 1.5V AA battery (for time back-up only)
	Plug-in power supply 9V / 800-mA
Operating conditions	0 ... 50°C / 32 ... 122°F, <85% rh
Dimensions	Main unit: 132 x 80 x 32 mm / 5.2 x 3.1 x 1.3 in
	CO2 sensor: 132 x 38 x 32 mm / 5.2 x 1.5 x 1.3 in
Weight	Approx. 390 g / < 1 lb (total)

More information

More product info

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