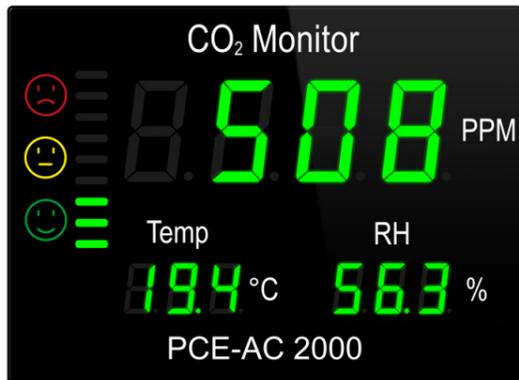


CO2 Analyzer PCE-AC 2000



CO2 Analyzer as a large display / with bar graph / maintenance-free CO2 sensor / additionally with temperature and humidity display / measuring range up to 9999 ppm for e.g. training rooms, public facilities

The innovatively designed CO2 analyzer is a large display for monitoring the indoor air quality. This CO2 measuring device is used specifically to monitor indoor air quality in large rooms. These include, for example, meeting rooms, lounges or public spaces such as classrooms and kindergartens. Due to the large size of 388 x 288 x 43 mm, the CO2 indicator can also be easily read from a greater distance. With the wall bracket for the CO2 indicator, the large display can also be mounted anywhere on walls.

The NDIR CO2 sensor built in for the measurement has a measuring range of 9999 ppm. In addition to the high measuring range of the built-in NDIR CO2 sensor, the special feature of the CO2 measuring device is that the CO2 sensor does not require any maintenance. A temperature and a humidity sensor are also integrated in the CO2 measuring device in order to monitor the climatic conditions.

The CO2 measuring device also has a bar graph with which the measured CO2 content can be displayed graphically. The bar graph on the CO2 indicator is also divided into the colors green, yellow and red, which light up at fixed measured values depending on the CO2 content. This makes it easier to assess the carbon dioxide in the environment so that ventilation measures can be carried out if necessary. To alert you to an excessively high CO2 concentration, the CO2 measuring device has an adjustable acoustic alarm, which is factory set to a concentration of 1200 ppm CO2.

- ▶ For wall mounting in large rooms
- ▶ Acoustic, adjustable alarm
- ▶ Maintenance-free NDIR CO2 sensor
- ▶ With temperature and humidity sensors
- ▶ Large LED display with bar graph
- ▶ Fixed power supply

Specifications

CO2

Measuring range	0 ...9999 ppm
Measurement accuracy	±70 ppm ±5 % of measuring range
Resolution	1 ppm

Temperature

Measuring range	-10 ...100 °C / 14 ... 212 °F
Resolution	0.1 °C
Accuracy	±1.5 °C

rel. Humidity

Measuring range	0... 99.9 % r.H.
Resolution	0.1 % r.H.
Accuracy	±3 %

General

	Green:0 ... 599 ppm
Traffic light function	Yellow: 600 ... 1199 ppm Red: 1200 ... 9999 ppm
Repeatability	<±0.5%
Response time	10 seconds
Operating conditions	0... 50 °C, 32 ... 122 °F, 0 ... 90 % r.H. not condensing
Storage conditions	-30... 70 °C, -22 ... 158 °F, 0 ... 90 % r.H. not condensing
Power supply	via power pack 9 VDC, 350 mA
Dimensions	388x 288 x 43 mm / 15.2 x 11.3 x 1.7"
Weight	ca.2420 g / 85 oz

More information

Manual



More product info



Similar products



Subject to change