

Airbi CO₂AIR – digital carbon dioxide (CO₂) meter

Key properties

- measures the concentration of carbon dioxide in the room
- very precise CO₂ sensor (photoacoustic sensor)
- fast real-time data analysis (6 s interval)
- temperature and humidity sensor
- memory for minimum/maximum values
- manually adjustable time, alarm clock (2 alarm times)
- 4 different symbols indicating the state of the air in terms of concentration of CO₂ values
- automatic or manual calibration of the CO₂ sensor
- adjustable CO₂ limit value
- wallmounting or freestanding



Product description

Do you spend most of the day in a closed room and do you suffer from fatigue, headache or nausea? Exhaled air may be to blame for these difficulties. The level of CO₂ in the air is a good indicator of when the room needs to be ventilated. Timely ventilation is especially important in rooms with a high density of people and is recommended, among other things, as a protective measure against airborne infections (e.g. viruses). The reliable and fast Airbi CO₂AIR meter is an ideal helper for monitoring the CO₂ level in the room.

Airbi CO₂AIR reliably monitors the most important indoor air quality parameters – CO₂ concentration, temperature and relative humidity. The three-level dimmable display shows the measured CO₂ concentration values in color-divided areas. The comfort indicator provides easy-to-understand information about whether the room climate is in the ideal, acceptable or critical range using a smiley face symbol. You can also be warned by visual and acoustic signals if the limit values are exceeded.

In winter, Airbi CO₂AIR helps to save valuable energy for heating, because controlled ventilation is carried out only when and for a necessary long time, when it is really necessary according to the measured values. This means that the heat in the room will be preserved longer and the room does not have to be heated again and again.

Airbi CO₂AIR is perfectly suited for use in the home (bedroom), in the office, but also in school classrooms, auditoriums, waiting rooms for patients or other public spaces. The device is equipped with a stand, but it can also be hung, so you can choose where to place it.

Technical parameters

Power supply:	Mains adapter with USB cable (DC 5V, 1A) or 3x 1.5 AAA alkaline batteries
CO ₂ sensor :	PAS (photoacoustic spectroscopic sensor) Measuring range: 400-2400ppm Accuracy: +/- 50ppm or +/- 5% Update: every 6 seconds
Measured temperature range:	-9.9°C...+60°C
Temperature measurement accuracy:	+/- 1°C (0 to 40°C), otherwise +/- 2°C
Measured humidity range:	20 to 95% RH
Humidity measurement accuracy:	+/- 5% (40 to 80% rH), otherwise +/- 8%
Temperature and humidity updates:	Every 30 seconds
Dimensions:	118 x 22 x 68 mm
Mass:	72 g (without adapter and battery)

Photogallery



Delivery contents

- Brief instructions for usage
- USB cable
- Power adapter

Logistics information

Product code: BI1060		Country of origin: China	
EAN code: 8594162601042		Customs code (TARIC/HS): 90258040	

	Number pcs	Mass (kg)	Width (cm)	Depth (cm)	Height (cm)
Product		0.072	6.8	2.2	11.8
Product packaging		0.268	14.5	3.5	14.5
Carton with products	40	12.1	38.2	31	34.5