

WÖHLER

**WE STAY
HEALTHY**



Wöhler IQ 300 CO₂ Meter
Monitoring indoor air quality

 Made in Germany



Wöhler IQ 300 CO₂ Meter

The right ventilation against viruses

Ventilation is a simple and at the same time a very effective way to prevent the transmission of viruses through aerosols. The key is to open windows at the right moment, so that the rooms do not cool down unnecessarily and keep a good air quality.

The Wöhler IQ 300 CO₂ meter provides the best functions. It evaluates the air quality at any time on the basis of measured data. An important factor for monitoring the quality of the air in a room is the CO₂ level. When people breathe, they release moisture and CO₂ into the air and, if they are ill, also viruses. A high CO₂ level in the air indicates an urgent need for ventilation, because if this level is high, it can be assumed that the air is also contaminated with other substances.

The Wöhler IQ 300 has a bright traffic light LED bar and a clearly audible tone to warn you when ventilation is required. The limit values for the warning functions are adjustable. If desired, users can switch off the warning signal and the traffic light function, as the large display also clearly indicates when the air quality becomes critical. The past trend of the air quality is also recorded and displayed in a diagram so that the measured value can also be easily assessed over time.



With just a brief look at the device, you can easily evaluate the indoor air quality and its trend. This is made possible by the colored traffic light LED bar and the large display.

Fixed stand with different tilt angles

- Tripod mount
- Wall mount
- Table stand



Bright traffic light LED bar



Warning signal



Clear screen with large display of CO₂ level



Trend display

Advantages

- ▶ Ideal for permanent monitoring and evaluation of indoor air quality (good, normal, poor)
- ▶ Bright traffic light LED bar
- ▶ Clear display
- ▶ Acoustic warning signal
- ▶ Large display of the CO₂ level
- ▶ Trend display on the development of indoor air quality
- ▶ Fulfils the requirements of many school authorities

Product Selection



Wöhler IQ 300
CO₂ Meter

Scope of delivery	
Wöhler IQ 300 CO ₂ Meter	•
Power supply 5V	•
USB-C cable	•
Article no.	4750 A

Technical Data

Carbon dioxide

Measurement range:	0...9,999 ppm
Accuracy:	±50 ppm ±5 % of measured value at 0...2,000 ppm ±10 % of measured value at > 2,000 ppm
Resolution:	1 ppm

Temperature

Measurement range:	-0...50 °C
Accuracy:	±0.6 °C (0.9 °F)
Resolution:	0.1 °C

Rel. air humidity

Measurement range:	0.1...99.9 %
Accuracy:	±5 % at 10...90 % r.h and 25 °C, otherwise 7 %
Resolution:	0.1 % r.h

CE

Application

Comprehensive assessment of indoor air quality with acoustic and visual traffic light warning function:

- ▶ Classrooms
- ▶ Seminar rooms
- ▶ Waiting rooms
- ▶ Workplaces

Functionality

- ▶ Display of CO₂ level, air temperature, relative humidity, dew point temperature
- ▶ Trend display on the development of CO₂ level, temperature and humidity
- ▶ Always precise measured values
 - Automatic calibration function every 24 hours (can be switched off)
 - Easy manual calibration possible through keystrokes
 - Manual adjustment of the air pressure possible



The Wöhler IQ 300 uses a brightly lit traffic light LED bar and a loud tone to alert individuals in a room when ventilation is needed. Additionally, the large display clearly indicates when the air quality reaches a critical level.



Scan the QR code and find out more!

WÖHLER

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