

# VOCOO<sub>nx</sub>

## CO<sub>2</sub>-AQ-Monitor

The smallest climate monitor



Technical details (prototype)  
L=108mm, B=68mm, H=22mm, G=250 gr.

available from March 2026

Always in view; BAPPUnow, BAPPUapp



**But the biggest in use: the 5-in-1 professional sensor. Wearable. Precise. Cloud-connected.**

VOCOO<sub>nx</sub> is the smallest wearable 5-in-1 professional sensor in its class—developed for anyone who wants to measure on the go and know everything about air quality.

The portable device monitors air quality indoors and outdoors – in real time. This is immediately visible and evaluable via LED traffic light display, display, app, and cloud connection.

### 5-in-1 measurement parameters

- Fine dust: PM1, PM2.5, PM4 (respirable dust), PM10
- CO<sub>2</sub> (carbon dioxide)
- CO (carbon monoxide)
- TVOC indicator (volatile organic compounds)
- NOx indicator (nitrogen oxides)

### Features

- Real-time AQ (air quality) monitoring  
Directly on the device – or conveniently via app on your smartphone
- Intuitive LED traffic light display  
Immediately visible air quality – at a glance
- Integrated display. All measured values clearly readable – directly on the sensor
- Cloud & app connection. Live data, history, and export – available anytime, anywhere
- Wearable & mobile. Lightweight, handy, battery-powered – ideal for on the go

**VOCOO<sub>nx</sub> - small. wireless. unstoppable.**

manufactured by



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## Technical data VOCOO<sub>nx</sub>

measured variables	measuring range	tolerance	transducer	resolution
PM (particulate matter)	PM <sub>1,2,5</sub> : 0...1000 µg/m³	0...100 µg/m³ +/-10 µg/m³	optical	0,1 µg/m³
		101...1000 µg/m³ +/-10% v.M.**		
	PM <sub>4,10</sub> : 0...1000 µg/m³	0...100 µg/m³ +/-25 µg/m³	optical	
		101...1000 µg/m³ +/-25% v.M.**		
CO <sub>2</sub> (carbon dioxide)	0...10.000 ppm	+/- 50 ppm +/- ≤ 5% v.M.**	Photoacoustic	1 ppm
TVOC (volatile organic compounds) Indicator	1-500		metal oxide	1
CO (carbon monoxide)	0...500 ppm	+/- 5 ppm +/- 10% v.M.**	electrochemical (sf u.t.10 years)	1 ppm
NOx (nitrogen oxides) Indicator	1-500		metal oxide	1

\*\*from measured value | Technical data subject to change.

## VOCOO<sub>nx</sub> – Mobile air quality monitoring for indoor and outdoor areas

The air we breathe is exposed to a variety of pollutants – fine dust, CO<sub>2</sub>, TVOC and NOx can pose a long-term risk to health. Pollutants not only penetrate from outside, but are also produced by industrial processes or everyday office life.

### Why is clean air important?

Gases such as CO<sub>2</sub>, CO, TVOC, and NOx enter the body through respiration – they have different effects, but can all impair health: from irritation of the respiratory tract to serious circulatory or organ damage.

### ASR A3.6 requires:

- Air that is beneficial to health, generally at the same level as outdoor air.
- CO<sub>2</sub> measurements under real conditions of use for early detection of critical values.

**VOCOO<sub>nx</sub>** is the smallest wearable 5-in-1 professional sensor. It measures particulate matter, CO<sub>2</sub>, TVOC, CO and NOx – flexibly indoors and outdoors.

The measured values are compared with limit and guideline values to assess indoor air quality. If limit values are exceeded, measures must be taken immediately to improve air quality or protect employees – even if the outside air is polluted.

**BAPPU<sub>now</sub>** converts measurement data into smart decisions: thanks to app and cloud connectivity, all data is available at all times – for sustainable building management and effective occupational safety. Analyses provide reliable facts that can be used to optimize rooms, increase comfort, and reliably monitor air quality.

**Ready to use and mobile:** switch on, carry, measure. The LED traffic light and display show clear air quality values – right at your workplace.

**VOCOO<sub>nx</sub> – small. wireless. unstoppable.**

Pre-order now at [info@bappu.de](mailto:info@bappu.de)

**BAPPU...**  
*so einfach geht das.*