

CO₂ measuring instrument

testo 535 – Digital CO₂ measuring instrument with App connection

Simple, fast and precise measurement of CO₂ concentration

Audible alarm sounds if a limit value is exceeded

Fast in-app configuration, graph history, second screen and measurement data memory in the testo Smart App

High reproducibility of measurement results due to long-term stable infrared sensor technology

Timed and point mean value calculation



For **indoor air quality and comfort**, the measurement of the carbon dioxide content in the room air is crucial. To obtain precise results quickly, you need a suitable measuring instrument.

The compact CO₂ measuring instrument testo 535 with practical App connection allows you to carry out this important measurement easily and efficiently - and thus ensure comfort and a healthy indoor climate.

Thanks to the long-term stable infrared sensor technology, the measured values are reproducible and comparable even

over longer periods of time. Ideal for recurring comparative measurements. Here, you are also supported by the time and point averaging directly in the measuring instrument.


By the way, the testo Smart App displays the measured values as a table or graph, stores the results and documents them. This not only makes it easy to configure the measuring instrument individually - the App also turns your smartphone into a second display!

Ordering data / technical data / accessories

testo 535

testo 535, CO₂ measuring instrument with App connection, audible alarm, incl. transport bag, calibration protocol and 3 x AA batteries

Order no. 0563 0535




The testo Smart App

- Simple and fast: Measurement menus for numerous applications provide optimum support in configuring and carrying out the measurement
- Clear graphical presentation of readings, e.g. as a table, for quick interpretation of results
- Create digital measurement reports including photos as PDF/CSV files on site and send via e-mail




Free download for Android and iOS



Sensor type	CO ₂ sensor
Measuring range	0 to 10,000 ppm
Accuracy ±1 digit	±100 ppm +5 % of mv
Resolution	1 ppm

General technical data	
Operating temperature	0 to +50 °C
Storage temperature	0 to +50 °C
Battery type	3 x AA
Battery life	30 h
Dimensions	229 x 60 x 28 mm
Weight	229 g
Protection class	Measuring instrument: IP 40 Probe: IP20
Housing material	ABS + PC / TPE

Accessories	Order no.
testo Bluetooth® printer, incl. 1 roll of thermal paper, rech. battery and mains unit	0554 0621
Spare thermal paper for printer (6 rolls), measurement data documentation can be read for up to 10 years	0554 0568
ISO CO ₂ calibration certificate; CO ₂ probes; calibration points 0; 1000; 5000 ppm	0520 0033

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Subject to change, including technical modifications.

