

CO₂ measuring instrument

testo 535 – Secure monitoring of Indoor Air Quality

Highly accurate CO₂ measurement

Long-term stable 2-channel infrared sensor

Long-term monitoring thanks to max. and mean value calculation

No necessity for repeated adjustments



Bad air quality in indoor rooms due to excessively high CO₂ concentrations (greater than 1000 ppm) leads to tiredness, lack of concentration and can even cause illness. testo 535 is a precise, reliable CO₂ measuring instrument for monitoring Indoor Air Quality. The high-quality and stable 2-channel infrared sensor allows long-term measurements, and does not require repeated adjustment.

With the switchable display of min./max. and mean values, the customer has an optimum overview of the measurement results.

The measurement data can be documented on site incl. date and time with the Testo fast printer. The optional TopSafe provides optimum protection of the instrument from dust, dirt and impact.

Technical data / Accessories

testo 535

testo 535, CO₂ measuring instrument with permanently attached probe, batteries and calibration protocol

Part no. 0560 5350



Sensor type 2 channel infrared sensor

Meas. range	0 to +9999 ppm CO ₂
Accuracy ±1 digit	±(50 ppm CO ₂ ±2% of mv) (0 to +5000 ppm CO ₂) ±(100 ppm CO ₂ ±3% of mv) (+5001 to +9999 ppm CO ₂)
Resolution	1 ppm CO ₂

General technical data

Measuring medium	Air
Oper. temp.	0 to +50 °C
Storage temp.	-20 to +70 °C
Battery type	9V block battery
Battery life	6 h
Dimensions	190 x 57 x 42 mm
Weight	300 g
Display	LCD, 2 lines
Material/Housing	ABS
Warranty	2 years
Auto Off	10 min

Accessories

Part no.

Accessories for measuring instrument

TopSafe (protection case) with bench stand, protects instrument from impact and dirt	0516 0183	
Case for secure storage of measuring instrument	0516 0191	
Testo fast printer with wireless infrared interface, 1 roll thermal paper and 4 AA batteries	0554 0549	
External fast charger for 1-4 AA rech. batteries, incl. 4 Ni-MH rech. batteries with individual cell charging and charge control display, incl. impulse trickle charging, integrated discharge function, with built-in international mains plug, 100-240 V, 300 mA, 50/60 Hz	0554 0610	
Spare thermal paper for printer (6 rolls)	0554 0569	
Spare thermal paper for printer (6 rolls), permanent ink measurement data documentation legible for up to 10 years	0554 0568	
9V rech. battery for instrument, instead of battery	0515 0025	
Recharger for 9V rechargeable battery, for external recharging of 0515 0025 battery	0554 0025	
Desk-top power supply with international connection options	0554 1143	
ISO calibration certificate/CO ₂ CO ₂ probes; calibration points 0; 1000; 5000 ppm	0520 0033	