

Ambient CO-/CO₂ measuring instrument

testo 315-3 – Parallel measurement of
CO and CO₂ in ambient air according
to European standard EN 50543

Parallel and direct CO-/CO₂ measurement

TÜV-tested according to EN 50543

Convenient, easy handling

Measurement values transferrable to the testo 330 (V2010)

Data printout on site



Precision – from the sensor to the housing

With a highly accurate electrochemical sensor for CO measurement and a shock-resistant infrared CO₂ sensor, the measuring instrument testo 315-3 is state-of-the-art technology. It is excellently equipped to resist external influences by its robust design and the optionally available TopSafe. And that's not all. During the measurement, optical and audible signals let you know immediately whether the variably adjustable limit values have been exceeded.

Thanks to the wireless data transfer via IrDA or Bluetooth, you can transfer your measurement data directly to the flue gas analyzer testo 330, or print them out. Your customers receive a special service: the results are presented directly on site. The Auto-off function and a Lithium polymer rechargeable battery ensure that the instrument, thanks to its long running time, can be used for long periods without using unnecessary power.

Technical data

testo 315-3 without Bluetooth

testo 315-3 ambient CO/CO₂ measuring instrument without Bluetooth incl. USB mains unit and cable

Part no. 0632 3153



General technical data

Storage temperature	-20 to +60 °C / -4 to +140 °F
Operating temperature	0 to +40 °C / +32 to +104 °F
Oper. humidity	0 to 95 %RH
Protection class	IP40 acc. to EN 60529
Power supply	Lithium polymer battery pack
Battery life	10 h measurement time (at +20 °C/+68 °F) / Mains operation possible
Battery charging	In instrument via charger
Interface	IrDA interface / optional: Bluetooth
Permit	Acc. to EN 50543
EC guideline	2004/108/EC
Dimensions	190 x 65 x 40 mm
Weight	200 g

Sensor type	Measuring range	Accuracy ±1 digit	Resolution
CO sensor	0 to 100 ppm	±3 ppm (0 to 20 ppm) ±5 ppm (>20 ppm)	0.5 ppm
CO ₂ sensor	0 to 10.000 ppm	±300 ppm (0 to 4.000 ppm) ±8% of m.v. (4.000 to 6.000 ppm) ±500 ppm (6.000 to 10.000 ppm)	10 ppm
Temperature/humidity module	+5 to +95 %RH -10 to +60 °C	±2.5 %RH (5 to 95 %RH) ±0.5 °C (±1 Digit)	0.1 %RH 0.1 °C

Accessories

Accessories	Part no.	
Accessories for measuring instrument		
Temperature/humidity module Ø 25 mm, plug-in	0636 9725	
USB mains unit incl. cable	0554 1105	
Transport and Protection		
Topsafe testo 315-3	0516 0223	
Case for secure storage of measuring instrument	0516 0191	
Printer and Accessories		
Testo fast printer IrDA with wireless infrared interface; 1 roll thermal paper; 4 AA batteries	0554 0549	
Spare thermal paper for printer, permanent ink	0554 0568	
Additional accessories		
Control and adjustment set for humidity sensors (11.3 %RH and 75.3 %RH)	0554 0660	



Topsafe testo 315-3



Temperature/humidity module Ø 25 mm, plug-in



Case for secure storage of measuring instrument (without content)



Testo fast printer IRDA with wireless infrared interface



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