

CO measuring instruments and gas spillage detectors

For safety and service

testo 315-4

testo 317-1

testo 317-3



In order to commission heating systems safely and without danger, you are reliant on dependable measurement technology. For this reason, we developed our CO measuring instruments and gas spillage detectors.

With the testo 315-4 and testo 317-3, you ensure that the CO burden at combustion locations and frequently used rooms is measured and monitored precisely. testo 317-1, on the other hand, warns you quickly and reliably of flue gas leaking from the heating system, which is an indicator for a malfunction in the area of combustion plants.

CO measuring instrument testo 315-4

testo 315-4

testo 315-4, CO measuring instrument
incl. USB mains unit and cable

Order no. 0632 3155



The testo 315-4 is a convenient, precise and robust measuring instrument for recording ambient CO values. It identifies even the slightest concentrations of the highly toxic gas. This allows you to safely judge whether, e.g. ambient air-dependent heating systems can be operated without danger.

- TÜV-tested according to EN 50543
- Electrochemical CO sensor for reliable and highly precise measurement results
- Optical and audible alarm when limit values are exceeded (freely adjustable limit values)
- Printout of measurement data possible directly on site

General technical data

Storage temperature	-20 to +60 °C / -4 to +140 °F
Operating temperature	0 to +40 °C / +32 to +104 °F
Operating humidity	0 to 95 %RH
Protection class	IP40 acc. to EN 60529
Power supply	Lithium-polymer battery pack
Battery life	50 h measuring time (at +20 °C / +68 °F) / Mains operation possible
Battery charging	In the instrument via mains unit
Interface	IRDA interface
Approval	In accordance with EN 50543
EC Directive	2014/30/EU
Dimensions	190 x 65 x 40 mm

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
Temperature/humidity module	+5 to +95 %RH -10 to +60 °C / 14 to +140 °F	±2.5 %RH (5 to 95 %RH) ±0.5 °C (±1 digit) / ±32.9 °F (±1 digit)	0.1 %RH 0.1 °C / 0.1 °F

Measuring instrument accessories

Order no.

Temperature/humidity module Ø 25 mm, plug-in	0636 9725	
USB mains unit incl. cable	0554 1105	
TopSafe testo 315-4	0516 0221	
Bag for safe storage of the measuring instrument	0516 0191	
Testo IRDA printer with wireless infrared interface, 1 roll of thermal paper and 4 AA batteries	0554 0549	
Spare thermal paper for printer, permanent ink	0554 0568	
Control and calibration set for humidity sensors (11.3% RH and 75.3% RH)	0554 0660	

Gas spillage detector testo 317-1

testo 317-1

testo 317-1 gas spillage detector with flexible probe, incl. battery

Order no. 0632 3170



The gas spillage detector testo 317-1 reliably detects leaking flue gas from heating systems. The handy instrument provides immediate optical and audible alarms. This means no visual contact with the measuring instrument is needed. The flexible probe enables use even in the tightest spaces.

- Reliable detection of leaking flue gases
- Flexible probe for inaccessible areas
- Audible and visual alarm

General technical data

Measuring medium	Ambient air
Response time	2 s
Display	optical / audible
Battery type	3 micro batteries AAA
Weight	300 g
Dimensions	128 x 46 x 18 mm
Diameter probe shaft tip	Ø 10 mm
Length Probe shaft tip	35 mm
Probe tube length	200 mm

CO monitor testo 317-3

testo 317-3

testo 317-3 CO monitor incl. case with belt clip, headphones, wrist strap, scanner and calibration protocol

Order no. 0632 3173



The testo 317-3 detects the presence of carbon monoxide in the ambient air and alerts you optically and audibly to hazardous gas concentrations, e.g. during installation and maintenance work on gas heaters.

- 3-year guarantee on CO sensor
- Immediately ready for action: No zeroing phase
- Adjustable alarm thresholds
- CO zeroing at measuring location

General technical data

Measuring range	0 to +1999 ppm
Accuracy ±1 digit	±3 ppm (0 to +29 ppm) ±10 % (+30 to +1999 ppm)
Resolution	1 ppm
Operating temperature	-5 to +45 °C
Battery type	2 micro batteries AAA
Battery life	150 h (with beeper switched off)
Response time	40 s
Guarantee	2-years on instrument 3-years on CO sensor
Guarantee conditions	https://www.testo.com/guarantee