



CO warning and servicing instrument

Prints
0 to 2000 ppm



ppm
CO

µA

°C

hPa

ΔP



Escaping CO gas poses a risk of poisoning. testo 315-1 checks the CO level in ambient air and simultaneously measures pressure, draught, ionisation current and temperature.

It is the ideal measuring instrument for service on gas heating systems where safety has priority. The Testo printer documents inspections by printing logs on location with date, time and alarm limits.



Checks gas flow pressure

- 3 CO alarm limit values, selectable
- Audible and optical alarm is activated if limits are exceeded
- Temperature-compensated
- Zeroing in fresh air is unnecessary

testo 315-1

testo 315-1, CO warning and servicing instrument for gas heating systems incl. battery and calibration protocol

Part no. 0632 0315



Quick and practical documentation of data on location, printout with date/time and recommended value (alarm limit)

Suitable probes at a glance

Description	Part no.
CO flue gas probe to measure CO in flue gas, with exchangeable NOx filter and pressure reducer	0554 3154
Pressure set with flue draught probe, includes 2 x silicone hoses each with Ø 4mm and Ø 6mm, T-piece 4mm and 6mm, connecting part	0554 3150
Cables for measuring ionisation current (2 off) incl. clamp testing tips, cable 1 m long	0554 0551
Pipe wrap probe with Velcro (2 off), for differential temperature measurement on pipes Ø max. 120 mm	0628 0031

Ordering data for Accessories

Description	Part no.
9V rechargeable battery for instrument	0515 0025
Recharger for 9V rechargeable battery	0554 0025
For external recharging of 0515 0025 battery	
TopSafe (indestructible protection case), with bench stand	0516 0443
Protects instrument from dirt and impact	
Magnetic bench stand suitable for TopSafe 0516 0443	0554 0407
For positioning on boilers, for example	
Testo printer with 1 roll of thermal paper and 4 AA size batteries	0554 0545
Prints readings on location	
Transport case (plastic)	0516 3120
For transport and secure storage of measuring instrument and accessories	

See testo 315-2 on previous page for additional ordering data

Recommended kit:

The service set with printout on-site



- testo 315-1, CO warning and service measuring instrument
- Pressure set
- Pipe wrap probe
- Cables for measuring ionisation current
- Testo printer
- TopSafe (indestructible protection case)
- Case (plastic)

Technical data

Meas. range	0... +2000 ppm CO	-200... +200 hPa	-40... +40 hPa	-40... +600 °C	-100... +100 µA
Accuracy	±10% of mv (+100... +2000 ppm CO)	±0.5 hPa (0... +50 hPa)	±1.5% of mv (+3... +40 hPa)	±0.5% of mv (+100... +600 °C)	±3 µA (-100... +100 µA)
± 1 digit	±10 ppm CO (0... +100 ppm CO)	±1.5 hPa (+50... +200 hPa)	±0.03 hPa (-40... +3 hPa)	±0.5 °C (0... +99 °C)	
Resolution	1 ppm CO (0... +2000 ppm CO)	0.1 hPa (-200... +200 hPa)	0.01 hPa (-40... +40 hPa)	0.1 °C (-40... +600 °C)	1 µA (-100... +100 µA)
Display	LCD, 2 lines		Battery type	9V block battery	
Material/Housing	ABS		Battery life	16 h	
Oper. temp.	+5... +45 °C		Dimensions	215x68x47 mm	
Storage temp.	-20... +50 °C		Weight	400 g	
			Warranty	2 years	