

testo 315-1

Versatile CO measurement – For safety and service

testo 315-1 provides you with all the measurement functions needed to service gas heating systems. While measuring draught, pressure difference, temperature or ionisation current, the instrument can also simultaneously show the CO level in ambient air. In this way, you always have the system's safety under your watchful eye.

- Reliable CO warning
- Three alarm thresholds are freely adjustable
- Audible and visual alarm
- Automatic zero point adjustment
- Two temperature sockets to compare flow and return temperature
- Compensation of deviations in readings due to temperature
- TopSafe case protects from dirt, water and impact (optional)



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

Part no.
0632 0315

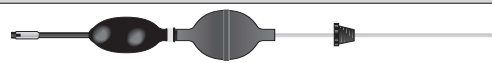
Recommended set

The testo 315-1 service set with printout on-site

- CO warning and servicing instrument for gas heating systems, with battery and calibration protocol (Part no. 0632 0315)
- Pressure set with flue draught probe (Part no. 0554 3150)
- Cables for measuring ionisation current (2 off) incl. clamp testing tips, cable 1 m long (Part no. 0554 0551)
- Pipe wrap probe with Velcro strip, for temperature measurement on pipes with diameter up to max. 120 mm, Tmax +120°C (Part no. 0628 0020)
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- Testo printer with cordless IRDA and infrared interface, 1 roll of thermal paper and 4 round cell batteries (Part no. 0554 0547)
- TopSafe (protection case), with bench stand (Part no. 0516 0443)
- Transport case (plastic) (Part no. 0516 3120)

More probes

CO flue gas probe to measure CO in flue gas, with exchangeable NOx filter and pressure reducer



Meas. range	Accuracy	t ₉₉	Part no.
			0554 3154

Pressure set with flue draught probe



0554 3150

Cables for measuring ionisation current (2 off) incl. clamp testing tips, cable 1 m long



0554 0551

Pipe wrap probe with Velcro strip, for temperature measurement on pipes with diameter up to max. 120 mm, Tmax +120°C



-50 to +120 °C	Class 1	90 s	0628 0020
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Accessories	Part no.
Transport and Protection	
TopSafe (protection case), with bench stand Protects instrument from dirt and impact	0516 0443
Magnetic bench stand suitable for TopSafe 0516 0443 For positioning on boilers, for example	0554 0407
Multi-function clip (for instrument with TopSafe) consisting of multi-function clip and magnetic holder	0554 0398
Case For secure storage of measuring instrument	0516 0191
Transport case (plastic) For transport and secure storage of measuring instrument and accessories	0516 3120
Printer and Accessories	
Testo printer with cordless IRDA and infrared interface, 1 roll of thermal paper and 4 round cell batteries	0554 0547
Recharger for printer (with 4 standard rech. batteries) Rechargeable batteries are recharged externally	0554 0110
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
Additional Accessories and Spare Parts	
9V rech. battery for instrument Instead of battery	0515 0025
Recharger for 9V rechargeable battery For external recharging of 0515 0025 battery	0554 0025
Spare particle filter (10 off) For CO flue gas probe	0554 0040
Filter granulates (refill set) to renew NOX filter in CO flue gas probe	0554 3167
Calibration Certificates	
ISO calibration certificate/Flue gas Calibration points 2.5% O ₂ ; 100 and 1000 ppm CO; 800 ppm NO; 80 ppm NO ₂ ; 1000 ppm SO ₂	0520 0003
ISO calibration certificate/CO CO probes; calibration points 0; 80 ppm	0520 0039

Technical data			
Meas. range	0 to +2000 ppm CO	-200 to +200 hPa	-40 to +40 hPa
Accuracy ±1 digit	±10% of mv (+100 to +2000 ppm CO) ±10 ppm CO (0 to +100 ppm CO)	±0.5 hPa (-49.9 to +49.9 hPa) ±1.5 hPa (-200 to -50 hPa) ±1.5 hPa (+50 to +200 hPa)	±1.5% of mv (-40 to -3 hPa) ±1.5% of mv (+3 to +40 hPa) ±0.03 hPa (-2.99 to +2.99 hPa)
Resolution	1 ppm CO (0 to +2000 ppm CO)	0.1 hPa (-200 to +200 hPa)	0.01 hPa (-40 to +40 hPa)

Meas. range	-40 to +600 °C	-100 to +100 µA	
Accuracy ±1 digit	±0.5% of mv (+100 to +600 °C) ±0.5 °C (0 to +99 °C)	±3 µA (-100 to +100 µA)	
Resolution	0.1 °C (-40 to +600 °C)	1 µA (-100 to +100 µA)	

Oper. temp.	+5 to +45 °C
Storage temp.	-20 to +50 °C
Display	LCD, 2 lines
Battery type	9V block battery
Battery life	16 h
Dimensions	215 x 68 x 47 mm
Weight	400 g
Material/Housing	ABS
Warranty	2 years