

Detector for leaks in natural gas pipes

testo 316-1

The testo 316-1 gas leak detector quickly detects even the smallest leaks.

- Bendable measurement probe for inaccessible pipes
- Optical and audible alarm if limit value is exceeded
- TopSafe case protects from dirt and impact (optional)

testo 316-1

Electronic gas leak detector with flexible measurement probe and battery

Part no. 0632 0316

Technical data

Meas. range	0 to 10,000 ppm CH ₄
1st alarm limit	from 200 ppm CH ₄
2nd alarm limit	10.000 ppm CH ₄
Battery life	> 5 h
Dimensions	190 x 57 x 42 mm

Accessories Ordering data

Part no.

TopSafe for testo 316, protection case incl. stand, protects from dirt and impact	0516 0189
Case for instrument and probes, For safe and orderly storage	0516 0182
Transport case (plastic), for transport and secure storage of measuring instrument and accessories	0516 3120
Accessories set (for instrument without TopSafe) includes multi-function clip, carrier loop, probe holder	0554 0550



TopSafe case protects from dirt and impact (optional)



Checks for leaks in domestic gas pipes

Gas detector – Detects even the smallest gas leaks

testo gas detector

According to DVGW leaflet G 465-4, gas detectors are approved for above-ground gas detection up to the "lower explosive limit (LEL)". Testo's gas detector is a multi-range gas detector for the gas types methane, propane and hydrogen. Gas concentrations are measured by the semi-conductor sensor in the ppm range and are shown in the display with a resolution of 1 ppm.

- Audible signals when approaching the lower explosion limit
- Continuous sound and display when the explosion limit is reached

Technical data

Display range	Methane CH ₄	1 to 999 ppm, 0.1 to 4.4 Vol. %
	Propane C ₃ H ₈	1 to 999 ppm, 0.1 to 1.9 Vol. %
	Hydrogen H ₂	1 to 999 ppm, 0.1 to 4.0 Vol. %
Resolution	1 ppm / 0.1 Vol. %	
First reaction	>10 ppm	
Power supply	Built-in rechargeable block, NiMH, 1600 mAh	
Ex-Protection	Sensor intrinsically safe to DMT test institute	
Reaction time t90	2-3 s	Oper. temp. -15 to +40 °C
Storage temp.	-25 to +70 °C	Dimensions 190 x 40 x 28 mm
Rech. battery life	>8 h	Weight 320 g
Warranty	2 years on instr., 1 year on sensor	



Flexible probe extension for difficult-to-access points



Gas detection and leak location in gas pipelines and installations

testo gas detector

Gas detector incl. flexible probe extension, rechargeable battery and mains unit for mains operation and battery recharging

Part no. 0632 0323