

## Gas leak detector with explosion protection (ATEX)

testo 316-1-EX

ATEX certification	(EU/EFTA)
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Acoustic and visual alarm via multi-colour LED on the sensor head

Display of ppm / vol% / %LEL on the instrument

Connection to testo Smart App for display of readings and documentation

Sensor self-test and automatic zeroing

Fine mode for precise detection of leaks

Auto-identification of the most common gas types



Illustration may differ from original

The professional instrument for the fuel gas sector and for increased safety requirements. Certified explosion-proof thanks to explosion protection (ATEX, EU/EFTA). Additional functions such as fine mode and auto-identification of the typical gas groups make leak detection even easier. App integration for easy documentation.

## Key benefits:

- 1. Multi-colour LED (visual and acoustic alarm)
- 2. Flexible measuring probe for locations that are difficult to access
- Connection to testo Smart App for documentation and ppm/%LEL display
- 4. ATEX certification (EU/EFTA)
- 5. Rechargable battery
- 6. Expert functions: Fine mode for precise leak detection and auto-identification of the most common gas types



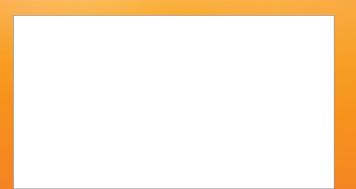
## Technical data/accessories



Measurement parameters	ppm, vol %, % LEL
Detectable gases	Methane, propane, hydrogen, butane
Lower response threshold/measuring range	Methane (CH <sub>4</sub> ): 50 ppm to 4.0 vol.% Propane (C3H <sub>8</sub> ): 50 ppm to 1.9 vol.% Hydrogen (H <sub>2</sub> ): 50 ppm to 4.0 vol.% Butane (C <sub>4</sub> H <sub>10</sub> ): 50 ppm to 1.5 vol.%
Resolution	1 ppm 0.01 VOL% 1% LEL
Response time	Response time < 2 sec
Leak alarm	3-colour LED on sensor head 3-colour display backlight Acoustic App
General technical	data
Operating temperature	-5 to +50 °C
Operating humidity	0 to 80 %RH
Storage temperature	-20 to +50 °C
Charging temperature	-5 to +45 °C
Battery type	Rechargeable battery USB charger (standard) with connection via microB
Battery life	>10 h
<u>.</u>	150 x 66.5 x 37.5 mm (L x W x H)
Dimensions	Length with gooseneck arm 545 mm
Weight	Length with gooseneck arm 545 mm 425 g

## **Detectable gases:**

Methane / CH<sub>4</sub> Propane / C<sub>3</sub>H<sub>8</sub> Hydrogen / H<sub>2</sub> Butane / C<sub>4</sub>H<sub>10</sub> 1981 7164/dk/TT/06.2022



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