

Data sheet  
testo 316-1

## Gas leak detector with flexible probe

testo 316-1

Be sure. **testo**

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Acoustic and visual alarm via multi-colour LED on the sensor head

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

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Sensor self-test and automatic zeroing

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Flexible probe for locations that are difficult to access

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Illustration may differ from original

If you like to keep things simple, we recommend the testo 316-1 gas leak detector: Identifying and locating leaks or even reading off concentration values in ppm or %LEL (lower explosive limits) are all exceptionally easy. No training required thanks to the intuitive traffic-light scale on the head and the display illumination.

Key benefits:


1. Multi-colour LED (visual and acoustic alarm)
2. Sensor self-test and automatic zeroing
3. Flexible probe for locations that are difficult to access
4. Display with intuitive traffic light backlighting
5. Battery-powered

# Technical data/accessories

**testo 316-1**

testo 316-1 gas leak detector with flexible probe, including bag and batteries

Order no. 0560 3162

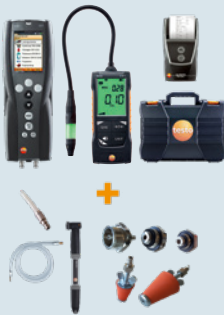


Measurement parameters	ppm, vol %, % LEL
Detectable gases	Methane, propane, hydrogen, butane
Lower response threshold/measuring range	Methane (CH <sub>4</sub> ): 50 ppm to 4.0 vol.% Propane (C <sub>3</sub> H <sub>8</sub> ): 50 ppm to 1.9 vol.% Hydrogen (H <sub>2</sub> ): 50 ppm to 4.0 vol.% Butane (C <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

**Pro kit**

Everything the professional needs for testing gas pipes: in addition to the testo 324 leakage measuring instrument, including system case with feeding unit and other accessories, you get an infrared printer for measurement data documentation on site, along with the testo 316-1 gas leak detector.

Order no. 0563 3240 71



**General technical data**

Operating temperature	-20 to +50 °C
Operating humidity	0 to 80 %RH
Storage temperature	-20 to +50 °C
Battery type/rechargeable battery	Battery (included in scope of delivery)
Battery life	>15 h
Dimensions	150 x 66.5 x 37.5 mm (L x W x H) Length with gooseneck arm 545 mm
Weight	415 g

Measuring instrument accessories	Order no.
Bag 	0590 0018

**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 7154/dk/TT/06.2022

Subject to change, including technical modifications.