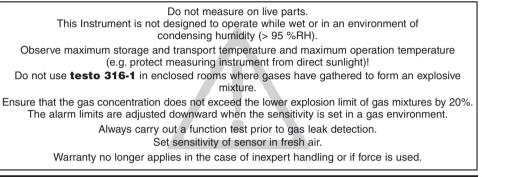


testo 316 - 1

Instruction manual

Monitoring instrument to detect gas leaks.

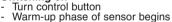
The testo 316-1 detects even the smallest leaks of combustible gases in pipelines, flanges and screw connections etc. The bendable probe stem has no problem reaching even inaccessible points. Its wide range of applications makes the gas leak monitoring instrument indispensable for every professional



Measuring







- LED is red
- Alarm signal sounds
- Warm-up phase max 30 seconds
- LED is green
- Alarm signal off
- Ready to operate
- No alarm signal
- LED is green
- Setting sensitivity in fresh air
- Turn control button to the right until the sound signal is heard
- Turn the control button to the left until the sound signal stops.

Function test

unction test Expose sensor to a combustible gas e.g. from a know leak point in the pipeline or from a butane (gas) lighter, for a period nor exceeding 10 sec. If the sensor does not react (no alarm), the instrument should be considered as defective and must not be used. Return the unit imme-diatly to the nearest Test service point for repaîr.

Detecting leaks

- Sound signal when gas is escaping
 Signal becomes quicker as concentration incre-
- ases Alarm > 200 - 10000 ppm
- LED changes from green to yellow
- Warning sound
- Alarm > 10000 ppm
- LED changes from yellow to red
- Warning sound

Low Batt Signal

If during use the LED switches off and a one sec cyclic audible signal is obtained, replace the battery within 15 min for continued working.

Changing the battery

- Open housing screw (rear of instrument).
- Insert 9 V block battery. Observe polarisation.
- Close housing.

Note on disposal: Dispose of empty batteries responsibly. Batteries should be placed in plastic bags to avoid short-circuits.

Technical data

Measuring range: 1. Alarm threshold: 2. Alarm threshold: Battery lifetime: **Operating temperature:** Storage/transport temperature: **Dimensions:** Weiaht: Warranty: 2 years

0 to 10,000 ppm (1 vol%) CH4 at max. 200 ppm LED is yellow at max. 10.000 ppm LED is red > 5 h with alkali manganese IEC 6LR61 4 to 45 °C -20 to +50 °C 90 x 57 x 42 mm Approx. 300 g

Measuring instrument conforms with: EN 50 082 Part 1 EN 50 081 Part 1

Ordering data	Part no.
testo 316-1, gas leak monitoring instrument with Instruction manual and battery	0632.0316
Case	0516.0182
TopSafe, indestructible protective case with stand	0516.0189
Plastic case to transport and store measuring instrument and accessories	0516.3120



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