

▶ Testo 316-Ex

ATEX gas leak detector (methane, propane, hydrogen)



Technical specifications

ATEX gas leak detector: CH₄, C₃H₈, H₂
Measurement units: ppm and %/vol.
Response time: 14sec (T90)
Measurement probe: 200 mm flexible (gooseneck) remote probe (not pluggable)
Dimensions: 135 x 45 x 25 mm
Weight: approx. 200 g
Protection rating: IP 54
Battery type: 2 x 1.5V Mignon AA batteries (Camelion Plus, Alkaline LR6)
Operating time: up to 10 h
Operating conditions:

- Temperature: -10 to +40°C
- Humidity : 20 to 80%RH (non-condensing)

Warranty: 2 years

Standards:

- ATEX: 94/9/EG (Protection EX II 2G EEx ib IIC T1 (Zone 1)
- CE: EU Directive 2014/30/EC

Methane (CH₄):

- Measurement range: 1 ppm to 2.5%vol CH₄
- Resolution: 1 ppm / 0.1 %vol
- Lower alarm threshold: 1 ppm

Propane (C₃H₈):

- Measurement range: 1 to 1.0%vol C₃H₈
- Resolution: 1 ppm / 0.1 %vol
- Lower alarm threshold: 1 ppm

Hydrogen (H₂):

- Measurement range: 1 ppm to 2.0%vol H₂
- Resolution: 1 ppm / 0.1%vol
- Lower alarm threshold: 1 ppm

Product description

The **Testo 316-EX ATEX gas leak detector** is designed to detect leaks of methane (CH₄), propane (C₃H₈) and hydrogen (H₂) in potentially explosive environments. It features a flexible measurement probe, allowing access to difficult areas, as well as a semi-conductor sensor that measures gas concentrations in ppm (parts per million) with a precise resolution of 1 ppm.

With its fast response time (14 seconds), IP54 protection and 10-hour battery life, this ATEX gas detector is both practical and robust. It comes complete with calibration protocol, batteries and carrying case, making it a complete tool for safe leak detection in hazardous areas.

The **Testo 316-EX ATEX gas leak detector** measures gas concentrations in ppm and %/volume and displays this data with great accuracy on a screen, with a resolution of 1 ppm. This accuracy is essential for the rapid detection and exact location of leaks. It's a highly practical tool for gas professionals, guaranteeing fast, accurate and safe detection of natural gas, propane or hydrogen leaks in potentially explosive areas.

▶ Assets:

- 3 different types of gas detectable: methane, propane and hydrogen
- Flexible measurement probe for hard-to-reach areas
- Display of measured value in ppm and %vol
- Audible and visual alarm
- Battery life up to 10 hours
- Impact and dirt-resistant protective case

▶ Codification:

Product	References
Testo 316-EX gas leak monitor (complete with instructions, batteries, tools and transport case)	6 320 336
Camelion Plus LR6 alkaline battery	5 150 316

