

G 300 Series

Portable Leak Detector

EX



- Small, light and durable leak detector
- For combustible gases and ammonia
- More than 8 hours continuous operation
- Explosion-proof models available

Pinpoint the Smallest Leaks

Small leaks in pipes or storage tanks can release enough gas to build up dangerous concentrations. The careful inspection of flanged, threaded and soldered connections before and after installation will ensure equipment and worker safety. The G 300 leak detector will make leakage sprays a thing of the past.

Clear and Simple Displays and Warnings

Changing gas concentrations are indicated audibly and visually. The frequency of the audible warning rises with gas concentrations letting the user pinpoint leaks. The bar graph display will warn the user if dangerous gas concentrations arise.

Light, Compact and Durable

Designed for one-hand operation, the G 300 reacts to concentrations as small as 5 ppm and measures up to more than 10,000 ppm or 1% volume. The sensor is located at the end of a flexible gooseneck or a helix cable to allow the user to reach difficult or unreachable locations. The G 300 is available with or without explosion-proof protection for ammonia and combustible gases. The G 311 operates on four "AA" alkaline batteries. All others have a rechargeable battery with run times for more than eight hours.



G 300 II, G 300 II TOX

Technical Data

Gas

Methane, CH₄ (natural gas)
Ammonia, NH₃
(other gases on request)

Detection Range

(O) 5–10,000 ppm (CH₄)
(O) 5–1,000 ppm (NH₃)

Detection Principle

Chemosorption

Gas Supply

Diffusion

Response Time

< 3 seconds

Temperature Range

+4 to +122 °F (-20 to +50 °C)
working temperature range
+4 to ±32 °F (-20 °C to ±0 °C)
±32 to +122 °F (±0 °C to +50 °C)

Humidity Range

20 to 99% r. h., non-condensing

Sensor Life

approx. 5 to 10 years

Power Supply

Rechargeable battery pack

Operational Time

> 8 hours continuous operation

Casing

Polyamide—IP 53

Weight

12.25 oz (350 g)

Dimensions

2.4 x 4.7 x 1.4 inches (60 x 120 x 35 mm)
(WxHxD)

Ex-Approval

EEx s IIC T6

Ordering Information

Explosion-proof

1316012 G 300 II CH₄
1316014 G 300 II NH₃

Non-explosion-proof

1316009 G 300 II type G 311-CH₄
1316002 G 300 II type G 313-CH₄
1316004 G 300 II type G 315-NH₃

Accessories

1316216 Plug-in charger
1316211 Universal charger 230 V
1316212 Universal charger 12 to 24 V
for cars
1316213 Universal charger 115 V
1316204 Leather case with shoulder strap
1316232 Gooseneck (30 cm)
1316235 Flexible helix cable

*Specifications subject to change
without notification*

Distributed by:



GfG Instrumentation

Tel: (800) 959-0329
Fax: (734) 769-1888
E-mail: info@gfg-inc.com
Website: www.gfg-inc.com