

G 300

Leak Detector for combustible gases or NH₃



Small, light and durable leak detector

For combustible gases or ammonia

More than 8 hours continuous operation

Explosion-proof models available

Worldwide Supplier of Gas Detection Solutions



Pinpoint the Smallest Leaks

Leak detection brought to the point

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 is a plus in safety for equipment and workers.

The G 300 is the specialist for accurate detection of leakages.

Clear and simple display and warning

Changing gas concentrations are indicated audibly and visually. The frequency of the audible warning rises with increasing gas concentrations, letting the user easily pinpoint leaks even in huge piping systems. The G 300 gives an additional warning with a bar graph display if dangerous gas concentrations arise.

Detection range: from min. .. to .. max.

The G 300 reacts to concentrations as small as 5 ppm and measures up to 10,000 ppm or 1 Vol. % CH₄. The G 300 contains several audible and visual detection range indicators. Simply push a button to switch from one range to the other.

Features

The leak detector G 300 is designed for one-hand operation. Zero point adjustment is automatically done by pushing a button. Tubes and fittings are often found at rather inaccessible places, behind blinds or in manholes. The gooseneck, a flexible extension for the sensor, can slide into narrow slits and openings. You can even bend it to a small radius to sniff gas leaks in hard to reach places.

The leak detector G 300 is available in two different versions:

G 300 II for combustibles and NH₃
G 300 III for combustibles

G 300 III

Compact and low priced

The G 300 III is a genuine leak detector for combustible gases only. The sensor is mounted on a gooseneck that is fixed to the detector. The G 300 III is operated on a pack of dry cell batteries.

G 300 II

Flexible and versatile

This version is the most flexible; the gooseneck and the helix cable are designed as plug-on



parts. The flexible helix cable makes the G 300 II very handy, as it allows you to carry the detector in the pocket and to use only the sensor at the end of the helix cable for leak detection. Combining the gooseneck and the helix cable gives you access to far away spots. Both the sensor and the extensions can be mounted without tools. The G 300 II is available with or without explosion protection for ammonia or combustible gases. It is powered by a rechargeable battery pack, which allows for continuous operation of more than 8 hours.

Leak Detector G 300

Detection principle

Chemosorption

Gas

Ammonia (NH₃) and combustible gases and vapors

Detection range

5 to 1000-10000 ppm

Gas supply

Diffusion

Response time

Less than 3 seconds

Temperature range

- 20 to + 50°C
(-4 to +131°F)

Humidity

20 to 99 % r.h.
(non-condensing)

Lifetime of sensor

Approx. 2 years

Power supply

4 batteries type AA or rechargeable accumulator

Operation time

More than 8 hours continuous operation

Casing

Polyamide – IP 54 protection from splash water

Technical Data

Weight

Approx. 350 g
(12.25 oz)

Dimensions

60 x 120 x 35 mm (WxHxD)
(2.4 x 4.8 x 1.4 inches)

Ex-protection

EEx s IIC T6

Alarms

Audible and visual

Gooseneck

30 cm, flexible
(12 inches)

We reserve the right of modification



Please contact us:

Germany (Headquarter): info@gfg-mbh.com | Switzerland: info@gfg.ch | USA: info@gfg-inc.com | Singapore: ccchek@pacific.net.sg | South Africa: gfgsa@icon.co.za |