

G300 II / G300 III

Gas leak detector for smallest leakages



- Small, light and robust
- Reliable monitoring of combustible gases or refrigerants (e.g. ammonia)
- More than 8 hours continuous operation
- Flexible and cost-effective
- Long lifetime

Worldwide Supplier Of Gas Detection Solutions



G300 - Pinpointing smallest leakages

Small, light and robust

The smallest leakages can release a large amount of gas with serious consequential damages. By checking flange, screw and soldered joints regularly, the risk of gas leakages will be decreased. The G300 is specially designed for accurate detection of leakages. If high concentrations arise in the room during detection the G300 warns with a bar graph.

Clear and simple display and warning

Changing gas concentrations are indicated audibly and visually. The frequency of the audible warning changes with approximation and removal. Leakages will be reliably pinpointed even in large piping systems.

Simple control

Just one key stroke is necessary to operate the G300. With the rechargeable battery-pack the G300 II can operate more than 8 hours.

Detection range: from min. .. to max.

The G300 reacts to concentrations as small as 5 ppm and measures up to 10,000 ppm (= 1 % Vol.). The G300 provides several audible and

visual detection range indicators. Simply push a button to switch from one range to the other. This allows a successful detection even in gas contaminated areas.

Sniffing around corners

The gooseneck – a flexible conduit – can be pushed into close slots and gaps. The flexibility allows to find gas leakages even beyond corners.

Long lifetime

The G300 operates with the chemosorption principle. It is characterized by a short warm-up time and a long lifetime. The zero point adjustment is performed automatically after key stroke.



2 versions:

G300 II and G300 III

The **G300 II** set contains: Sensor, gooseneck, helix-cable, charger. The flexible helix-cable allows to carry the G300 II in the pocket to watch out for leakages with only the sensor in one hand. A combination of gooseneck and helix-cable gives you access to far away spots. Both the sensor and the extensions can be mounted without tools.

The **G300 III** is a low cost leak detector for combustible gases only. The sensor is integrated in the gooseneck that is fixed to the robust detector.

G300 II / G300 III Technical Data

Detection principle:

Chemosorption

Gas supply:

Diffusion

Gas:

Combustible gases and vapors and Ammonia (NH₃)

Detection range:

see G300 II / G300 III other gases on request

Response time:

Less than 3 seconds

Temperature range:

-20°C .. +50°C

Casing:

Polyamide – IP53

Weight:

approx. 350 g

Dimensions:

60 x 120 x 35 mm (WxHxD)

Alarms:

Audible (changing frequencies) and visual (bargraph)

Approvals:

Ex s IIC T6 (G300 II)

G300 II

Gas:

Refrigerants (e.g. ammonia, freon) and combustibles

Detection range:

for methane: 5 .. 10,000 ppm
for ammonia: 5 .. 10,000 ppm

Weight:

approx. 350 g

Power supply:

rechargeable battery pack

Operational time:

> 8 hours

Accessories:

gooseneck, 30 cm
helix-cable 30-90 cm
carrying case with shoulder strap
transport case
universal and plug-in charger

G300 II



G300 III



G300 III

Gas:

combustible gases

Detection range:

for methane: 5 .. 10,000 ppm

Weight:

approx. 290 g

Power supply:

4 AA batteries

Operational time:

> 30 hours

Accessories:

Carrying case with shoulder strap



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