G300 Series

Portable Leak Detector

G300
Leak Detector

- Compact and lightweight
- Durable
- One-handed operation
- For combustible gases, ammonia (NH_3) and freons
- Bar graph display for trend recognition
- More than 8 hours of continuous operation

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G300 Series Leak Detector

Even from small leaks large amounts of gas can escape. Regular checks and fast discovery of weak points in piping can prevent unnecessary gas loss and avoid the build up of dangerous gas concentrations in the atmosphere. The leak detector **G300** is the ideal instrument for accurate detection of gas leaks and dangerous gas concentrations.

The **G300** finds the smallest leaks on gas tubes and systems. It reacts to minimum concentrations of combustible gases (e.g. methane, natural gas) or toxic gases and vapors (e.g. ammonia). Different tone intervals indicate if the detector is getting closer or further from a leak. A bar graph continuously shows the gas concentration. In less than 3 seconds the detector reacts to explosive or toxic gases and vapors.

The leak detector consists of a basic detector and a long life chemosorption sensor. The accessories consist of a 30 cm flexible gooseneck and a 1 m flexible helix cable, which allows for measurement even in areas that are difficult to reach. The **G300** is operated with only one button, which allows for resetting the acoustic display to zero to restart the detection range even in gas-enriched air. The built-in battery allows for an operation time of more than 8 hours. The detector can be used to rapidly check new pipe installations for leaks. It is more sensitive and is easier to handle than common sprays for leak detection.

User friendly display and audible warning

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

Light, compact and durable

Designed for one-handed operation, the G300 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 G311 operates on four “AA” alkaline batteries. All others have a rechargeable battery with run time of more than eight hours.

Specifications

Ranges for Select Sensors

Ammonia (NH_3)	(0)5	-	1,000 ppm
Methane	(0)5	-	10,000 ppm
R22	1	-	5,000 ppm
R12	10	-	50,000 ppm
R13a	from approximately 300 ppm		

and others

Response Time

Less than 3 seconds

Detection Principle

Chemosorption

Gas Supply

Diffusion

Other Specifications

Dimensions:	2.4x4.8x1.4 inches (60x120x35 mm)
Weight:	12.25 ounces (350 g)
Power:	
G300 II:	rechargeable battery pack
G300 III:	alkaline battery pack
Operation time:	Greater than 8 hours, continous
Alarms:	Audible and visual
Casing:	Polyamide - IP-53 protection from splash water
Temperature range:	-4 to +131°F (-20 to +50°C)
Humidity range:	20 to 99% r.h. (non-condensing)
Pressure Range:	800 to 1,200 hPa

Standard Accessories

Alkaline or rechargeable batteries
Charger (with rechargeable battery pack only)
Fixed gooseneck (alkaline version only)
Manual

Optional Accessories

Leather carrying case
Helix cable
Gooseneck

Warranty

Limited lifetime on instrument and electronics. One year on sensor.
Refer to GfG complete warranty for details

Specification subject to change without notification

Distributed by:

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