GPD 3010

Leak detector with pump

Gas & refrigerants

Ready again, faster.

With built-in pump for gas and refrigerant leaks on pipes and heat pumps.

Item no. SZ-G00.315

Combustible gases
natural gas, propane, hydrogen

Built-in pump
short recovery time

Refrigerants
HFO and natural

Trend graph
for the smallest leaks

Detects leaks
from **1 ppm**

H_2-ready
for the hydrogen transition



SERVICE

Calibration service by bhs

1st annual service free

Your benefits

- Built-in pump: short recovery time
- Refrigerant mode with trend graph
- HFO and natural refrigerants from 5 g/a
- Gas and refrigerants with one sensor
- R290 leak detection on heat pumps
- Threshold 1 ppm, response 2 s
- First annual service free of charge
- 2-year manufacturer warranty

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GPD 3010

Leak detector with pump



The GPD 3010 with pump by Schütz Messtechnik locates leaks on gas pipes, heat pumps and refrigeration systems – with one sensor and no sensor change. The pump shortens the recovery time after a gas reading.

In refrigerant mode the pump runs continuously and the trend graph reveals even the smallest leaks. H_2-ready, developed and manufactured in Germany.

Gas types and measuring ranges

Gas	Formula	Measuring range	End of range
Methane (natural gas)	CH_4	0 ppm – 2.4 vol.%	≈ 50 % LEL
Propane (R290, LPG)	C_3H_8	0 ppm – 1.0 vol.%	50 % LEL
Hydrogen	H_2	0 ppm – 2.0 vol.%	50 % LEL
Butane / ethane	C_4H_{10} / C_2H_6	0 ppm – 0.7 / 1.2 vol.%	50 % LEL
Synthetic refrigerants (HFO)	R1234yf · R1234ze · R1336mzz	Leak detection from 5 g/a	–
Natural refrigerants	R290 · R600 · R600a · R1270 · R170	Leak detection from 5 g/a	–
Synthetic refrigerants (HFC)*	R134a · R32	Leak detection	–

Calibrated to methane – all other gas types are converted (not selective). Leak detector for locating leaks, not a personal gas monitor. * according to the manufacturer (brochure).

Technical data

Item number	SZ-G00.315
Sensor	Gas-sensitive semiconductor
Calibration	Methane, correction factors
Tolerance CH_4 at 20–50 % RH	100 ppm: −50/+150 ppm 1 vol.%: ±0.1 vol.%
Sensitivity	1 ppm, response 2 s
Resolution	1 ppm / from 0.1 vol.%
Display	Graphic LCD, trend graph
Alarm	LED + tone, adjustable

Power supply	2 × AA, battery or NiMH
Operating time	up to 16 h, less with pump
Protection class	IP53
Temperature	−20 °C to +50 °C
Dimensions	160 × 41 × 29 mm
Gooseneck	180 mm, flexible
Weight	approx. 180 g w/o batteries
Pump	built-in, switchable

Scope of delivery and accessories

- GPD 3010 with pump
- Plastic case, 2 AA batteries
- Operating manual, certificate
- Voucher 1st annual service



Leatherette pouch
with belt clip



Charger
for NiMH batteries

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