GPD 3000 Ex

Gas leak detector

Natural gas · propane · H_2 · Ex zones 1 and 2

Find leaks. Even in Ex zones 1 and 2.

The handy leak detector for gas pipes and fittings – approved for Ex zones 1 and 2.

Item no. SZ-G00.235

Natural gas, LPG
and hydrogen

Approved for Ex zone 1
and **Ex zone 2**

Detects leaks from **1 ppm**
response in **2 s**

ATEX II 2G Ex ib IIC T1
SEV 04 ATEX 0143

Trend at a glance
bar graph + digits

Rugged metal head
on a 180 mm gooseneck



SERVICE

Calibration service by bhs

1st annual service free

Your benefits

- Approved for Ex zones 1 and 2
- Smallest leaks from 1 ppm, response in 2 s
- Automatic zero tracking
- Self-test and readiness indicator
- Alarm threshold adjustable in 10 steps
- Also for CNG and LPG vehicles
- First annual service free of charge
- 2-year manufacturer warranty

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+43 664 9950 4647 · info@bhs-messtechnik.at · www.bhs-messtechnik.at

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GPD 3000 Ex

Gas leak detector



The GPD 3000 Ex by Schütz Messtechnik locates gas leaks on pipes, fittings, threaded joints and gas control valves – indoors and outdoors. It detects from 1 ppm; the bar graph shows the trend, the digits the exact reading.

Self-test at switch-on, automatic zero tracking and a readiness indicator (green LED, signal tone) ensure reliable measurements. Approved for Ex zones 1 and 2. Developed and manufactured in Germany.

Gas types and measuring ranges

Gas	Formula	Measuring range	End of range
Methane (natural gas)	CH_4	0 ppm – 2.5 vol.%	≈ 50 % LEL
Propane (R290, LPG)	C_3H_8	0 ppm – 1.0 vol.%	≈ 50 % LEL
Hydrogen	H_2	0 ppm – 1.0 vol.%	25 % LEL

Calibrated to methane – propane and hydrogen are converted (not selective). For H_2 the manufacturer gives no tolerance, only that it is considerably larger than for CH_4. In Ex areas use only the batteries specified by the manufacturer. Leak detector for locating leaks, not a personal gas monitor.

Technical data

Item number	SZ-G00.235
Sensor	Gas-sensitive semiconductor
Calibration	Methane, correction factors
Tolerance CH_4 at 20–50 % RH	100 ppm: −50/+150 ppm 1 vol.%: −0.2/+0.3 vol.%
Sensitivity	1 ppm, response 2 s
Resolution	1 ppm / from 0.1 vol.%
Display	LCD, backlit, bar + digits
Alarm	LED + tone, adjustable

Ex protection	II 2G Ex ib IIC T1
Ex zone	1 and 2
Certificate	SEV 04 ATEX 0143
Power supply	2 × AA, up to 8 h (NiMH 6 h)
Protection class	IP54
Temperature	−10 °C to +40 °C
Dimensions	135 × 45 × 25 mm
Weight	approx. 140 g w/o batteries
Gooseneck	180 mm, flexible

Scope of delivery and accessories

- GPD 3000 Ex
- Plastic case, 2 AA batteries (Ex-approved)
- Operating manual, certificate
- Voucher 1st annual service



Sensor cap
spacer for the sensor head



Leatherette pouch
with belt clip



Charger
for NiMH batteries

Your contact: **Ing. Thomas Blumhagel, BSc MA**
+43 664 9950 4647 · info@bhs-messtechnik.at · www.bhs-messtechnik.at
Althauser Straße 39 · 4230 Pregarten · Austria · Subject to change · Version 10/2026

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