Catalogue

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SCHÜTZ MESSTECHNIK

GPL 3000 180mm swan neck
ppm - 1 Vol.% CH4

Item number: G00.130

With the GasPen light 3000 you can find the smallest leaks in the installation area. Leak detection is very problematic, especially when sealing with swellable materials.

The leak detection sprays cause the sealing materials to swell and the leak is briefly resealed.

The sensor in the GasPen light 3000 is protected against contamination and mechanical stress by a protective metal cap.

With its robust metal sensor head and stable Casing, the GasPen light 3000 is a professional leak detector for daily use.

With:

- suitcase
- batteries
- instruction manual
- certificate
- 30 years warranty
- voucher for free annual service

Technical data:

Display	5x LED
Alarm	acoustical, optical
Measuring range	10 ppm - 1,0 Vol.%
Gases	flammable gases
Calibration	Methane
Operating Temperature	0°C to 40°C
Protection class:	IP54
Protection class	2x AA (battery or rechargeable)
Operating Time	batteries >6 hours
	rechargeable batteries >8 hours
Weight	ca 135g (without Battery)
Dimensions	135 x 45 x 25mm
Swan neck	180mm

Devices

GPL 3000 Ex 180mm swan neck
ppm - 1 Vol.% CH4

Item number: G00.135

The gas detector GasPen light 3000 Ex is suitable for detecting and locating leaks in pipes.

Due to the simple operation of the GasPen light 3000 Ex, even the inexperienced user is able to locate existing leaks.

The GasPen light 3000 Ex is by its size and handiness ideal for all installers or trouble-shooters.

With the movable sensor head, you can easily measure even in inaccessible places.

With explosion protection approval.

With:

- suitcase
- batteries
- instruction manual
- certificate
- 30 years warranty
- voucher for free annual service

Technical data:

Display	5x LED
Alarm	acoustical, optical
Measuring range	10 ppm - 1,0 Vol.%
Gases	flammable Gases
Calibration	Methane
Operating Temperature	0°C to 40°C
Protection class	IP54
EX protection	**II 2G EEx ib IIC T1** suitable for Ex Zone 1
Protection class	2x Mignon (battery or rechargeable)
Operating Time	battery >6 hours rechargeable batteries >8 hours
Weight	ca 135g
Dimensions	135 x 45 x 25mm
Swan neck	180mm

Devices

GPL 3000 with telescopic probe
with telescopic probe up to 1,7m

Item number: G00.145

To optimize the use and higher range.

GPL 3000 With:

Telescope and swan neck, 1,7m with integrated sensor.

Technical data:

Weight	197g
Dimensions	135 x 45 x 25mm
swan neck	1,7m

For more technical data see Item number G00.130

GPL 3000 Ex with telescopic probe
with telescopic probe up to 1,7m

Item number: G00.140

Variant with telescopic probe and ATEX.

GPL 3000 Ex With:

Telescope and swan neck, 1,7m with integrated sensor.

Technical data:

Ex-Schütz	EX II 2G EEx ib IIC T1 suitable for ex-Zone 1
Weight	197g
Dimensions:	135 x 45 x 25mm
swan neck	1,7 m

For more technical data see item number G00.135

Devices

GPL 3000 180mm Propan LPG

ppm - 1 Vol.% LPG

Item number: G00.139

GPL 3000 with LPG-Calibration

Technical data:

Measuring range	10 ppm - 1,0 Vol.%
Gases	flammable gases
Calibration	GLP
Operating Temperature	0°C to 40°C
Protection class	IP54

For more technical data see item number G00.130

GPL 3000 180mm EX Propan

ppm - 1 Vol.% C3H8

Item number: G00.137

GPL 3000 Ex with propane calibration

Technical data:

Measuring range	10 ppm - 1,0 Vol.%
Gases	flammable gases
Calibration	Propan
Operating Temperature	0°C to 40°C
Protection class	IP54
Protection class EX	**II 2G EEx ib IIC T1** suitable for Ex Zone Ex 1

For more technical data see item number G00.135

Devices

SCHÜTZ MESSTECHNIK

GPD 3000, 180mm swan neck
1 ppm - 2,5 Vol.% CH4

Item number: G00.205

The GPD 3000 gas detector is suitable for detecting and locating gas leaks in both indoor and outdoor pipelines.

Depending on the measuring tasks, different gas types are correctly displayed with the GPD 3000.

The GPD 3000 offers you the possibility to adjust your display to different gas types.

The digital display allows the accurate recognition of the measured value and the bar display a simple assessment of the trend.

With:

- Suitcase
- Battery
- Operating instruction
- Certificate
- 2 years warranty
- Voucher for free annual service

Technical data:

Display	LCD, backlit
Alarm	acoustical, optical
Measuring range	1 ppm - 50% UEG
Gases	Methane, Propan, Hydrogen
Calibration	Methane
Operating Temperature	0°C to 40°C
Protection class	IP54
Protection class	2 Battery
Operating Time	batteries >6 hours rechargeable batteries >8 hours
Weight	140g (without Battery)
Dimensions	25 x 45 x 140mm
swan neck	180mm

Devices

GPD 3000 Ex, 180mm swan neck
1 ppm - 2,5 Vol.% CH4

Item number: G00.235

For the reliable detection of leaks in installation lines and pipe joints, Schütz offers the new GPD 3000 Ex, a pioneering device technology.

To make leak detection and location even safer and more reliable, the GPD 3000 Ex is equipped with a dual display: the digital display provides an accurate reading, while the analog bar graph additionally shows the change in gas concentration.

The GPD 3000 Ex is able to detect all flammable gases. For this purpose, the device can be set to test for methane, propane or hydrogen.

With explosion protection approval.

With:

- Suitcase
- Battery
- instruction manual
- Certificate
- 2 years warranty
- Voucher for free annual service

Technical data:

Display	LCD, backlit
Alarm	acoustical, optical
Measuring range	1 ppm - 50% UEG
Gases	Methane, Propan, Hydrogen
Calibration	Methane
Operating Temperature	0°C to 40°C
Protection class	IP54
EX protection	**II 2G EEx ib IIC T1** suitable for Ex Zone Ex 1
Protection class	2 Battery o Akkus AA
Operating Time	Battery >6 hours rechargeable batteries >8 hours
Weight	140g (without battery)
Dimensions	25 x 45 x 140mm
swan neck	180mm

Devices

GPD 3000 with telescopic probe
with telescopic probe to 1,7m

Item number: G00.147

To optimize the use and higher range.

GPD 3000 With:
Telescopic swan-neck, 1,7m with integrated sensor.

Technical data:

Weight	197g
Dimensions	135 x 45 x 25mm
Telescopeprobe	1,7m

For more technical data see item number G00.205

GPD 3000 Ex with telescopic probe
with telescopic probe to 1,7m

Item number: G00.146

To optimize the use and higher range.

GPD 3000 Ex With:
Telescopic swan-neck, 1,7m with integrated sensor.

Technical data:

EX protection	II 2G EEx ib IIC T1 suitable for Ex Zone Ex 1
Weight	197g
Dimensions	135 x 45 x 25mm
Telescopeprobe	1,7m

For more technical data see item number G00.235

Devices

GP 2000 swan neck 180mm, Methane T1
10ppm – 50% UEG CH$_4$

Item number: G00.430

The GP 2000 gas detector is suitable for detecting and locating gas leaks in pipes, both indoors and outdoors.

The GP 2000 can also measure other gas types and be calibrated for them. The GP 2000's ease of use prevents measurement errors and reduces the need for training.

Ausstattungsmerkmale

- Swan neck with integrated sensor
- The device is explosion-proof and can be used in hazardous areas.
- Indication of increasing gas concentration via LED and signal with concentration rising
- Closed front foil
- Powder coated Aluminum Casing

Extremely robust due to sturdy metal Casing.

Sensor: Semiconductor (10ppm - 2,2 Vol.% CH$_4$)

Scope of delivery:

- Gas detector GP 2000
- Suitcase
- Charger 230V (110V – 240V)
- Operating instructions
- Certificate

Technical data:

Display	11x LED
Alarm	acoustical, optical
Measuring range	10 ppm - 50% UEG CH4
Calibration	Methane
Gasgruppe	IIA, IIB, IIC
Operating Temperature	-20°C to 40°C
Protection class	IP54
EX protection	**II 2G EEx ib IIC T1** suitable for Ex Zone Ex 1, 2
Protection class	batteries with internal charge
Operating Time	more than 5 hours
Weight	200g
Dimensions	160 x 35 x 20mm
Swan neck	180mm
Casing	Aluminum, powder coated

Devices

GP 2000 180mm swan neck, Methane T3
10ppm – 50% UEG CH$_4$

Item number: G00.450

Sensor: Semiconductor (10ppm - 2,2 Vol.% CH$_4$)

Technical data:

Measuring range	0 ppm - 50% UEG CH4
Calibration	Methane
Gasgruppe	IIA, IIB, IIC
Operating Temperature	-20°C to 40°C
Protection class	IP54
EX protection	II 2G EEx ib IIC T3
	suitable for Ex Zone Ex 1, 2

For more technical data see item number G00.430

GP 2000 180mm swan neck, Propan T1
10ppm – 50% UEG C$_3$H$_8$

Item number.: G00.435

Sensor: Semiconductor (10ppm- 1,0 Vol.% C$_3$H$_8$)

Technical data:

Measuring range	10 ppm - 50% UEG C3H8
Calibration	Propan
Gasgruppe	IIA, IIB, IIC
Operating Temperature	-20°C to 40°C
Protection class	IP54
EX protection	II 2G EEx ib IIC T1
	suitable for Ex Zone Ex 1, 2

For more technical data see item number G00.430

Devices

GP 2000 180mm swan neck, Propan T3

10ppm – 50% UEG C$_3$H$_8$

Item number: *G00.455*

Sensor:	Semiconductor (10ppm- 1,0 Vol.%C$_3$H$_8$)

Technical data:

Measuring range	10 ppm - 50% UEG C3H8
Calibration	Propan
Gasgruppe	IIA, IIB, IIC
Operating Temperature	-20°C to 40°C
Protection class	IP54
EX protection	**II 2G EEx ib IIC T3** suitable for Ex Zone Ex 1, 2

For more technical data see item number G00.430

GP 2000 180mm swan neck, Hydrogen T3

10ppm – 50% UEG H2

Item number: G00.460

Sensor:	Semiconductor (10ppm - 2,0 Vol% H$_2$)

Technical data:

Measuring range	10 ppm - 50% UEG H2
Calibration	Hydrogen
Gasgruppe	IIA, IIB, IIC
Operating Temperature	-20°C to 40°C
Protection class	IP54
EX protection	**II 2G EEx ib IIC T3** suitable for Ex Zone Ex 1, 2

For more technical data see Item number G00.430

Devices

GP 2000 180mm swan neck, Ethylen T3

10ppm – 50% UEG C$_2$H$_4$

Item number: G00.465

Sensor: Semiconductor (10ppm - 1,3 Vol.% C$_2$H$_4$)

Technical data:

Measuring range	10 ppm - 50.% UEG C2H4
Calibration	Ethylen
Gasgruppe	IIA, IIB, IIC
Operating Temperature	-20°C to 40°C
Protection class	IP54
EX protection	**II 2G EEx ib IIC T3** suitable for Ex Zone Ex 1, 2

For more technical data see item number G00.430

Devices

P-Pen 1000, Pressure measurement instrument

P-Pen without EX protection

Item number: G00.850

The P-Pen 1000 from Schütz is the compact measuring device for the exact determination of operating pressures up to 1 bar. The device is small, compact and has a robust design.

With the P-Pen 1000 you can perform pressure measurements and differential measurements in the mbar range.

Due to the simple operation of the P-Pen, everyone is able to perform a reliable pressure measurement.
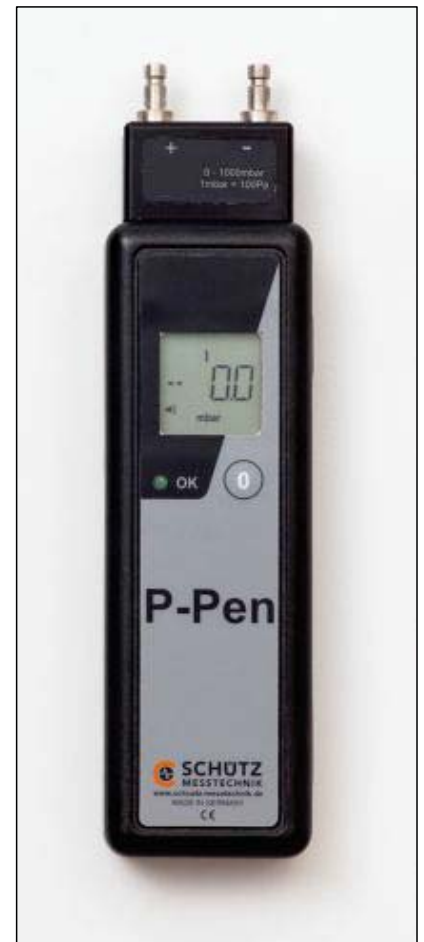

With:

- Suitcase
- Battery
- 1m Hose
- instruction manual
- Certificate
- 2 years warranty

Technical data:

Display	LCD backlit
Ready tone	acoustic
max overpressure	3000mbar
Measuring range	-1000mbar - 1000mbar
Resolution	0-99mbar 0,1mbar
	100-999mbar 1mbar
Accuracy	+ - 2%
Operating temperature	0°C to 40°C
Protection class	IP54
Protection class	2 batteries AA
Operating Time	25 hours
Weight	120g
Dimensions	170 x 45 x 25mm

Devices

P-Pen 1000 Ex, Pressure measurement instrument

P-Pen with EX protection

Item number: G00.800

According to the applicable technical regulations, the operating pressures of gas pipelines must be checked at regular intervals and during commissioning and after maintenance work.

With the P-Pen, Schütz offers a measuring tool that can easily and reliably determine all gas pressures up to 1 bar. Suitable for pressure measurements on all gas fittings.

With this simple and lightweight pressure measurement instrument is a quick pressure control even in hazardous areas possible.
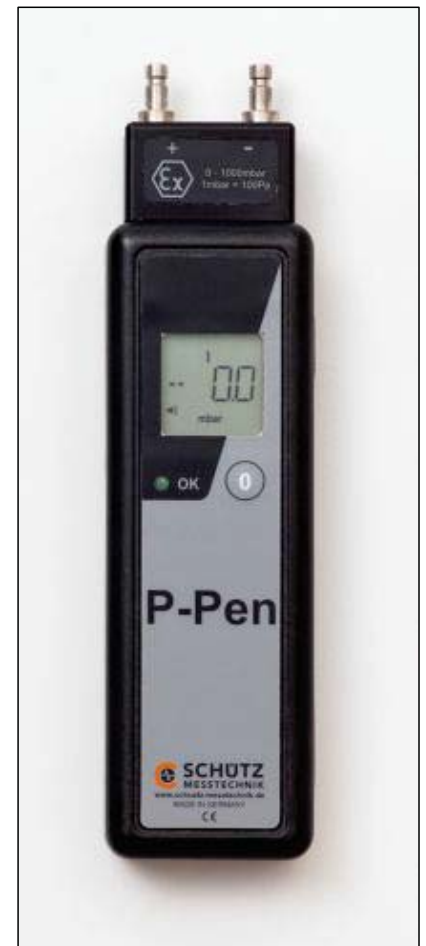
With:

- Suitcase
- Battery
- 1m hose
- instruction manual
- Certificate
- 2 years warranty

Technical data:

Display	LCD backlit
Ready tone	acoustic
Max. overpressure	3000mbar
Measuring range	-1000mbar - 1000mbar
Resolution	0-99mbar 0,1mbar
	100-999mbar 1mbar
Accuracy	+- 2%
Operating Temperature	0°C to 40°C
Protection class	IP54
EX protection	EX II 2G EEx ib IIC T3
	suitable for Ex Zone Ex 1 y 2
Protection class	2 battery mignon
Operating Time	25 hours
Weight	120g
Dimensions	170 x 45 x 25mm

Devices

P-Pen 5000, Pressure measurement instrument

P-Pen without EX protection

Item number: G00.860

With the P-Pen 5000 you can carry out pressure measurements in the mbar range.

Technical data:

Display	LCD backlit
Ready tone	acoustic
max overpressure	6,5bar
Measuring range	5bar

0-99mbar	0,1mbar
100-999mbar	1mbar

Accuracy	+- 2%
Operating Temperature	0°C to 40°C
Protection class	IP54

For more technical data see item number G00.850

P-Pen 5000 Ex, Pressure measurement instrument

P-Pen without EX protection

Item number: G00.810

Device version with EX protection.

Technical data:

Display	LCD backlit
Ready tone	acoustic
max overpressure	6,5bar
Measuring range	5bar

0-99mbar	0,1mbar
100-999mbar	1mbar

Accuracy	+- 2%
Operating Temperature	0°C to 40°C
Protection class	IP54
EX protection	EX II 2G EEx ib IIC T3 suitable for Ex Zone Ex 1 y 2

For more technical data see item number G00.850