

PRECISION MANOMETER



NEW!



NEW: INCREASED RESOLUTION OF 0.1 PASCAL AT HIGH ACCURACY FOR THE FINEST PRESSURE ADJUSTMENT WORK.

NEW: UNIVERSAL PORTS FOR THE USE OF A WIDE VARIETY OF PRESSURE CONNECTIONS: SCREW CONNECTION, QUICK-CONNECT, PUSH-PULL: EVERYTHING CAN BE CONNECTED DIRECTLY TO THE DEVICE! YOU HAVE THE CHOICE OF WHICH CONNECTION TYPE IS MOST PRACTICAL FOR YOU – THE DEVICE REMAINS THE SAME.

G 1107-UT

Item No. 478468

Precision manometer, for use in heating / ventilation / air conditioning (HVAC), 2x 1/8 inch port including connection for tubes 6x1 mm (4 mm inside) and 8x1 mm (6 mm inside)

G 1107-QC6

Item No. 479401

Precision manometer, 2x 1/8 inch port including quick connector for tube with outer \varnothing 6 mm

G 1107-ST6

Item No. 479402

Precision manometer, 2x 1/8 inch port including screw connector for tube with outer \varnothing 6 mm

G 1107-MCM

Item No. 479403

Precision manometer, 2x 1/8 inch port including mini quick-release connector, nominal width 2.7 mm

G 1107-UT-SET8

Item No. 478470

Precision manometer, for use in heating / ventilation / air conditioning (HVAC), 2x 1/8 inch port including connection for tubes 6x1 mm (4 mm inside) and 8x1 mm (6 mm inside) Measuring instrument incl. 1 m silicone tube 8 mm, case GKK 1002

G 1107-SQ6-SET

Item No. 479404

Precision manometer, 2x 1/8 inch port including quick connector for tube with outer \varnothing 6 mm measuring instrument incl. 1 m tube 6x1, case GKK 1002

G 1107-ST6-SET

Item No. 479405

Precision manometer, 2x 1/8 inch port including screw connector for tube with outer \varnothing 6 mm measuring instrument incl. 1 m tube 6x1, case GKK 1002

G 1107-MCM-SET

Item No. 479406

Precision manometer, 2x 1/8 inch port including mini quick-release connector measuring instrument incl. 1 m tube 6x1, case GKK 1002

GENERAL:

The development of the new G 1111 was intentionally focused on the essential measurement technology functions – a high-quality sensor is the heart of the measuring instrument – and despite the low overall price, no savings were made! This ensures that measurements are accurate and reliable: the excellent zero point stability and simultaneous position independence are "best in class"

Precision, speed and reliability, packed in a compact and waterproof housing makes the device a reliable partner for the craftsmanship. Made in Germany. G1100 Series – The reference class for your pocket!

HIGHLIGHTS:

- State-of-the-art and functional housing – in pocket format
- Excellent price-performance ratio
- 3-line illuminated display / overhead display at the push of a button
- Robust, long battery life
- Fast, accurate and high resolution
- Zero point stable and independent of position
- Calibratable / traceable
- Made in Germany



Connection ...- UT



Connection ...- QC6



Connection ...- ST6



Connection ...- MCM



SUCCESSOR TO GDH 200-07 PRODUCTS

APPLICATION:

The measuring range up to 200 mbar / 20 kPa and the high resolution of up to 0.1 Pascal in optimized fine pressure mode covers the essential applications in the area of gas pressure (150 hPa) and burner settings in one device. The high accuracy simplifies u. a. the dynamic pressure setting and is also suitable for draft measurements.

The measured value is independent of the position – not a matter of course in this area! Suitable for HVAC: gas and burner pressures (compression), chimney draft measurement, preparation of the 4 Pascal test, blower door, filter test (e.g. automotive DPF, gasoline cell filter), replacement for U-tube manometer ...

TECHNICAL SPECIFICATIONS:

Measuring range / resolution:	± 200.0 Pa (fine measurement) ± 200.0 hPa Selectable units: (Pa, hPa, mmHg, PSI)
Measuring frequency:	Slow: 2.5 measurements / s; Fast: 25 measurements / s
Overload:	Max. ± 1700 hPa
Accuracy (device):	± 0.1 % FSS typical (at nominal temperature 25 °C) ± 1 % FSS max.
USPs:	Best in class, high resolution, high accuracy in Pascal Universal port pressure connections
Sensors / measuring inputs:	2 universal ports
Protection class:	IP67 (pressure connections must be protected from contamination and Moisture protected)
Display:	3-line with battery status display, background lighting, protected by a break-resistant pane, overhead display at the push of a button
Additional functions in general:	Hold, min / max value
Selectable special functions:	Tare function High resolution measurement with 0.1 Pa (Fine) Average value mode for measuring strongly fluctuating pressures
Environment:	Display device -20...+50 °C
Battery / lifetime:	2 * AA battery, approx. 3000 h
Housing:	break-proof ABS housing
Dimensions:	108 x 54 x 28 mm (H x W x D) without pressure connection
Weight:	approx. 150 g including battery
Scope of delivery:	Device, batteries, operating instructions, test report

ACCESSORIES OR SPARE PARTS:**ISO-WPD5**

Item No. 602514

ISO calibration certificate: Factory calibration pressure, 5 points rising and falling, max 600 bar

ISO-WPD10

Item No. 602565

ISO calibration certificate: Factory calibration pressure, 10 points rising and falling, max 600 bar

MANOMETER



AUTO OFF



HOLD

ISO

MIN MAX

NEW!



Connection
...- UT



Connection
...- QC6



Connection
...- ST6



Connection
...- MCM



SUCCESSOR TO
GDH 200-13 PRODUCTS

G 1113-UT

Item No. 478471

Manometer, with measuring range up to 2 bar or 200 kPa and maximum resolution 1 Pa 2x 1/8 inch port including connection for tubes 6x1 mm (4 mm inside) and 8x1 mm (6 mm inside)

G 1113-QC6

Item No. 479425

Manometer, 2x 1/8 inch port including quick connector for tube with outer Ø 6 mm

G 1113-ST6

Item No. 479426

Manometer, 2x 1/8 inch port including screw connector for tube with outer Ø 6 mm

G 1113-MCM

Item No. 479427

Manometer, 2x 1/8 inch port including mini quick-release connector

G 1113-UT-SET

Item No. 478472

Manometer, with a measuring range of up to 2 bar or 20 kPa and a maximum resolution of 0.1 hPa 2x 1/8 inch port including connection for tubes 6x1 mm (4 mm inside) and 8x1 mm (6 mm inside) measuring instrument incl. 1 m tube 6x1, case GKK 1002

G 1113-QC6-SET

Item No. 479428

manometer, 2x 1/8 inch port including quick connector for tube with outer Ø 6 mm measuring instrument incl. 1 m tube 6x1, case GKK 1002

G 1113-ST6-SET

Item No. 479429

Manometer, 2x 1/8 inch port including screw connector for tube with outer Ø 6 mm measuring instrument incl. 1 m tube 6x1, case GKK 1002

G 1113-MCM-SET

Item No. 479430

Manometer, 2x 1/8 inch port including mini quick-release connector measuring instrument incl. 1 m tube 6x1, case GKK 1002

GENERAL:

The development of the new G 1113 was intentionally focused on the essential measurement technology functions – a high-quality sensor as the heart of the measurement device – and despite the low overall price, no savings were made! The high temperature stability of the sensor together with the universal pressure connection concept increase comfort and safety, especially with vacuum measurements. Precision, speed and reliability, packed in a compact and waterproof housing makes the device a reliable partner for the craftsman. Made in Germany. G1100 Series – The reference class for your pocket!

HIGHLIGHTS:

- State-of-the-art and functional housing – in pocket format
- Excellent price-performance ratio
- 3-line illuminated display/overhead display at the push of a button
- Robust, long battery life
- Fast, accurate and high resolution
- Zero point stable and independent of position
- Calibratable/traceable
- Made in Germany

APPLICATION:

The sister device of the extremely high-resolution G 1107 is the first choice when differential pressures > ± 200 hPa to be measured. To ± 2000 hPa are accurate and Hochauf-Expectorant covered with maximum resolution 1 Pa in the optimized fine print mode. HVAC: gas burner & prints, filtertest (Eg automotive DPF, gasolinefilter, exhaust filter) with maximum pressure of up to ± 2 bar or ± 2,000 hPa

TECHNICAL SPECIFICATIONS:

Measuring range/resolution:	± 2000 Pa (fine measurement) ± 2000 hPa Selectable units: (hPa, mmHg PSI, bar)
Measuring frequency:	Slow: 2.5 measurements/s Fast: 25 measurements/s
Overload:	Max. ± 3100 hPa
Accuracy (device):	± 0.1 % FSS typical (at nominal temperature 25 °C) ± 1 % FSS max.
USPs:	Best in class, high resolution, high accuracy in Pascal Universal port pressure connections
Sensors/measuring inputs:	2 universal ports
Protection class:	IP67 (pressure connections must be protected from contamination and Moisture protected)
Display:	3-line with battery status display, background lighting, protected by a break-resistant pane, overhead display at the push of a button
Additional functions in general:	Hold, min/max value
Selectable special functions:	Tare function High resolution measurement with 1 Pa Average value mode for measuring strongly fluctuating pressures
Environment:	Display device -20..+50 °C
Battery/lifetime:	2 x AA batteries, approx. 3000 h
Housing:	break-proof ABS housing
Dimensions:	108 x 54 x 28 mm (H x W x D) without pressure connection
Weight:	approx. 150 g including battery
Scope of delivery:	Device, batteries, operating instructions, test report

ACCESSORIES OR SPARE PARTS:

ISO-WPDS

Item No. 602514

ISO calibration certificate: Factory calibration pressure, 5 points rising and falling, max 600 bar

ISO-WPD10

Item No. 602565

ISO calibration certificate: Factory calibration pressure, 10 points rising and falling, max 600 bar