

## 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 Ø 6 mm

**G 1107-ST6**

Item No. 479402

Precision manometer, 2x 1/8 inch port including screw connector for tube with outer Ø 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 Ø 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 Ø 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  
...- UTConnection  
...- QC6Connection  
...- ST6Connection  
...- MCM**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:**

|   |  |
|---|--|
| <b>Measuring range / resolution:</b>    | ±200.0 Pa (fine measurement)<br>± 200.0 hPa<br>Selectable units: (Pa, hPa, mmHg PSI)   |
| <b>Measuring frequency:</b>             | Slow: 2.5 measurements / s; Fast: 25 measurements / s  |
| <b>Overload:</b>                        | Max. ± 1700 hPa  |
| <b>Accuracy (device):</b>               | ± 0.1 % FSS typical (at nominal temperature 25 °C)<br>± 1 % FSS max.   |
| <b>USPs:</b>                            | Best in class, high resolution, high accuracy in Pascal<br>Universal port pressure connections   |
| <b>Sensors / measuring inputs:</b>      | 2 universal ports  |
| <b>Protection class:</b>                | IP67 (pressure connections must be protected from contamination and Moisture protected)  |
| <b>Display:</b>                         | 3-line with battery status display, background lighting, protected by a break-resistant pane, overhead display at the push of a button |
| <b>Additional functions in general:</b> | Hold, min / max value  |
| <b>Selectable special functions:</b>    | Tare function<br>High resolution measurement with 0.1 Pa (Fine)<br>Average value mode for measuring strongly fluctuating pressures     |
| <b>Environment:</b>                     | Display device -20...+50 °C  |
| <b>Battery / lifetime:</b>              | 2 * AA battery, approx. 3000 h   |
| <b>Housing:</b>                         | break-proof ABS housing  |
| <b>Dimensions:</b>                      | 108 x 54 x 28 mm (H x W x D) without pressure connection   |
| <b>Weight:</b>                          | approx. 150 g including battery  |
| <b>Scope of delivery:</b>               | 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 600bar