

Supplementary Instructions for the G 1111 Vacuum-Variant G 1111-xx-VAC

The standard G 1111 is especially suitable to measure rough vacuum via the pressure port very fast. Due to the water tight construction a complete evacuation of the instrument may degrade water protection: The keypad/display screen may break loose! If the instrument should be used in this application, we recommend removing the sealing O-ring of the battery compartment (p.r.t. figure).

Attention: The Instrument then is no more water protected.

HINWEIS

Alternatively, there are the specialized variants G 1111-xx-VAC available, which are described here.

The G 1111-xx-VAC do have an additional pressure port besides the pressure-connection-port, which works as a pressure-compensating element between the outer and the inner pressure of the instrument. Therefore no dangerous pressure difference can build up inside at the one side, and at the other particles are kept from ingress into the instrument during the vacuum relaxation. As the compensating element works as a fine porous filter.

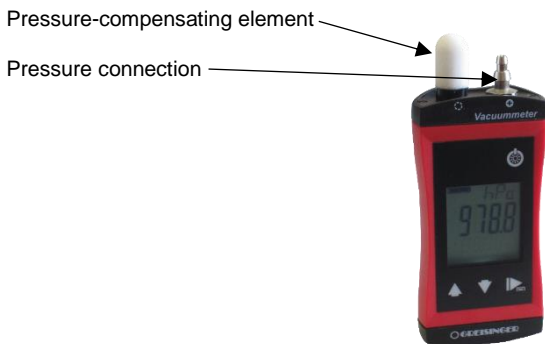
The extreme small pores as well give a certain water protection.

Therefore, the instrument is suitable for rough use in industrial packaging machines as well, where e.g. > 1000 packaging processes per hours are completed.

The instrument variant G 1111-xx-VAC can substitute fully encapsulated instruments very reasonable.

Pore width of pressure-compensating element (equals art. GDZ-34): 40 - 50 μm .

Due to the universal G1/8 pressure port, other filter elements can be equipped as well.



Order Code

1	
.	Pressure connection
-UT	1/8 inch port incl. connection for tube 6x1 mm (4 mm inner) or 8x1 mm (6 mm inner)
-QC6	1/8 inch port incl. quick connector for tube with outer-Ø 6 mm
-ST6	1/8 inch port incl. screw connector for tube with outer-Ø 6 mm
-MCM	1/8 inch port incl. mini quick coupling plug
2	
.	Option Anschluss
-VAC	Add. housing vent for fast complete evacuation
3	
.	Set-Option
	Device only
-SET	Measuring device, incl. 1 m tube 6x1 PVC, suitcase GKK 1002
-WPD	Measuring device, incl. 1 m tube 6x1 PVC, suitcase GKK 1002, WPD5 calibration certificate
-SETVAC	Measuring device, incl. 1 m tube 6x1 PVC, GDZ-34, GKK 1002, WPD5-VAC calibration cert. + adj. < 1 mbar