

VACUUM- / BAROMETER OR MANOMETER

**GDH 200-14**

Art. no. 601258

Vacuum / Barometer with pressure port, 0 ... 11000 mbar abs.

Functions:

- Sea level-adjustment possible
- suitable for relative pressure measurement (-1 ... 10 bar) by use the zero function
- Manual slope and offset adjustment
- 4 selectable measuring units: mbar, mmHg, bar, PSI
- automatic off-function: 1 ... 120 min

Specifications:

Measuring range:	0 ... 11000 mbar (hPa) abs. 0 ... 8250 mmHg abs. 0.000 ... 11.000 bar abs. 0.00 ... 160.00 PSI abs.
Resolution:	1 mbar, 1 mmHg, 0.001 bar, 0.02 PSI
Overload:	max. 13 bar abs.
Accuracy: (at nominal temperature = 25 °C)	±3 mbar or 0.10 % of m.v. (whichever is higher); ±0.3 % f.s. temperature drift from 0 ... 50 °C
Sensor:	piezoresistive absolute pressure sensor
Pressure connection:	Pressure connection ports in nickel-plated brass, for pressure tubings 6 x 1 mm (4 mm inner-diameter)
Operating conditions:	-25 ... +50 °C, 0 ... 95 % RH (non-condensing)
Display:	4½ digit LCD display, approx. 12 mm high
Pushbuttons:	3 membrane keys
Power supply:	9 V battery
Battery life:	approx. 7500 h
Sea level correction:	Barometric values can be converted to sea level (therefore the input of the current altitude is needed).
Housing:	impact resistant ABS plastic housing, approx. 106 x 67 x 30 mm (H x W x D) +16 mm pressure port sockets
Weight:	approx. 135 g (incl. battery)
Zero point-adjustment:	manually
Slope-adjustment:	manually
Scope of supply:	Device, battery, calibration protocol, manual

Variant:**GDH 200-14-QC6**

Art. no. 415125

Vacuum / Barometer with pressure port
Quick-connect hose coupling

Tubes, clamps, adapters, accessories, etc. p.r.t. page 86

VACUUM- / BAROMETER

**GDH 200-11**

Art. no. 474063

Vacuum / Barometer with pressure port

Specifications:

Measuring range:	10.0 ... 1200.0 mbar abs. (Resolution: 0.1 mbar) 7.5 ... 900.0 mmHg abs. (Resolution: 0.1 mmHg)
Max. Overload:	4000 mbar abs.
Accuracy: (at nominal temperature)	
@25 °C, 750 mbar:	1.5 min. +1.5 max. mbar
-20 ... +85 °C, 300 ... 1100 mbar:	-2.5 min. +2.5 max. mbar
Long-term stability:	typ. ±1 mbar/year
25 °C, 700 ... 1100 mbar:	-1.5 min. +1.5 max. mbar
0 ... 50 °C, 300 ... 1100 mbar:	-2.0 min. +2.0 max. mbar
-20 ... +85 °C, 300 ... 1100 mbar:	-3.5 min. +3.5 max. mbar
25 °C, 100 ... 300 mbar:	-5 min. +5 max. mbar
25 °C, 10 ... 100 mbar:	-10 min. +10 max. mbar
Pressure connection:	Pressure connection ports in nickel-plated brass, for pressure tubings 6 x 1 mm (4 mm inner-diameter) or 8 x 1 mm (6 mm inner-diameter)
Nominal temperature:	25 °C
Operating conditions:	-25 ... +50 °C, 0 ... 80 % RH (non-condensing)
Storage temperature:	-25 ... +70 °C
Display:	4½ digit LCD display, approx. 13 mm high
Pushbuttons:	3 membrane keys for ON/OFF, min/max value query, offset comparison, etc.
Measuring frequency:	1 measuring / s
Sea level correction:	Barometric values can be converted to sea level (therefore the input of the current altitude is needed).
Zero point-adjustment:	manually
Slope-adjustment:	manually
Power supply:	9 V battery
Battery life:	>5000 h
Housing:	impact resistant ABS plastic housing, front-side IP65
Dimensions:	approx. 106 x 67 x 30 mm (H x W x D) +16 mm pressure port sockets
Weight:	approx. 145 g (incl. battery)
Scope of supply:	Device, battery, manual

Variant:**GDH 200-11-QC6**

Art. no. 415124

Vacuum / Barometer with pressure port,

10.0 ... 1200.0 mbar abs. (hPa)

Pressure connection: Quick-connect hose coupling