

BAROMETER



GPB 3300

Art. no. 600129

Barometer 300.0 ... 1100.0 mbar abs.

Functions:

- Manual offset and slope adjustment
- Sea level-adjustment possible
- 2 measuring units selectable: mbar, mmHg
- Auto-off-function: 1 ... 120 min

Specifications:

Measuring range:	300.0 ... 1100.0 mbar (hPa) abs. 225.0 ... 825.0 mmHg abs.
Max. Overload:	4000 mbar or 3000 mmHg
Accuracy: (at nominal temperature)	±2.0 mbar (typ. at 0 ... 50 °C)
Sensor:	absolute pressure sensor, integrated in housing
Nominal temperature:	25 °C
Operating temperature:	-25 ... +50 °C, 0 ... 95 % RH (non-condensing)
Display:	4½-digit, 12 mm high LCD-display
Pushbuttons:	3 membrane key for ON/OFF, min-/max-value memory, tara, etc.
Power supply:	9 V battery
Battery life:	approx. 5000 h
Zero point-adjustment:	manually
Slope-adjustment:	manually
Sea level correction:	Barometric values can be converted to sea level (therefore the input of the current altitude is needed).
Housing:	impact resistant ABS housing
Dimensions:	approx. 106 x 67 x 30 mm (H x W x D)
Weight:	approx. 135 g (incl. battery)
Scope of supply:	Device, battery, manual

Accessories and spare parts:

GKK 252

Art. no. 601056

Case with punched lining for universal application (235 x 185 x 48 mm)

GB 9 V

Art. no. 601115

Spare battery 9V, type IEC 6F22

ALTIMETER / BAROMETER / THERMOMETER / PRECISION BAROMETER



GTD 1100

Art. no. 600132

Precision barometer / Altimeter
300.0 ... 1100.0 mbar abs. + Altimeter

General:

Device for simple determination of a building size (steeples, skyscrapers, bridges, etc.)

Application:

hiking, hang gliding, cycling, motorsports, etc.

Specifications:

Measuring range

Temperature:	-10.0 ... +50.0 °C or 14.0 ... +122.0 °F.
Air pressure:	300.0 ... 1100.0 mbar abs. or 225.0 ... 825.0 mmHg abs.
High:	-500 ... -200 m, res. 1 m or -1640 ... -655 ft, res. ~5 ft -200 ... +2000 m, res. 0,5 m or -654 ... +1999 ft, res. ~2 ft 2000 ... 9000 m, res. 1 m or 2000 ... 19999 ft, res. ~5 ft
Measuring units:	hPa / mbar, mmHg, °C, °F, m, ft
Max. Overload:	pressure: 4000 mbar or 3000 mmHg

Accuracy: (at nominal temperature = 25 °C)

Temperature:	±1% FS ±1 digit
Absolute pressure:	±1.5 mbar ±1 digit (750 ... 1100 mbar), with certificate of calibration: ±0.5 mbar ±1 digit

Sensor: absolute pressure sensor, integrated in housing**Operating conditions:** -10 ... +50 °C; 0 ... 80 % RH (non condensing)**Storage temperature:** -20 ... +70 °C**Measuring frequency:** 1 measuring / s**Display:** approx. 12 mm high, 4½-digit LCD-display**Sum function:** The covered altitude can be displayed (ascent, descent, total)**Tendency indicator:** Air pressure rising / falling**Sea level correction:** Barometric values can be converted to sea level (therefore the input of the current altitude is needed).**Pushbuttons:** keypad (3 push-buttons) for On/off, min/max-value, tara-function, zero-, slope-, and sea level-adjustment slide switch for unit selection.

Power supply:	9 V battery
Battery life:	approx. 6.000 h
System notifications:	permanent self-diagnosis and error indication
Housing:	impact resistant ABS housing
Dimensions:	approx. 106 x 67 x 30 mm (H x W x D)
Weight:	approx. 135 g (incl. battery)
Scope of supply:	Device, battery, manual

Functions:

- manual offset and slope-adjustment
- sea level-adjustment possible
- tendency-meter, summing-function (ascendency, descendency, overall)
- over 6.000 operating hours

Accessories and spare parts:

GB 9 V

Art. no. 601115

Spare battery 9V, type IEC 6F22

ISO-WPD 5

Art. no. 602514

ISO certificates: 5 points rising, 5 points falling

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Calibration certificate, p.r.t. page 15