



BAROMETER

GPB 3300

Device ready for use incl. battery

Functions:

- manual offset and slope adjustment
- sea level-adjustment possible
- 2 measuring units selectable: mbar, mmHg
- Auto-off-function: 1...120 Min

Specification

Measuring ranges:

300.0 ... 1100.0 mbar (hPa) abs.
225.0 ... 825.0 mmHg abs.

Max. Overload: 4000 mbar resp. 300 mmHg

Accuracy: (at nominal temperature)
± 2.0 mbar (typ., at 0 - 50 °C)

Sensor: piezoresistive abs. pressure sensor integrated in housing.

Nominal temperature: 25°C

Operating temperature: -25 to 50 °C

Display: 4½-digit, 12 mm high LCD-display

Pushbuttons: 3 membrane key for ON/OFF, min-/max-value memory, tara, etc.

Power supply: 9V battery type IEC 6F22

Power consumption: approx. 60 µA
(= 5000 operating hours)

Low battery warning: „BAT“, automatic

Housing: impact resistant ABS housing

Dimensions: approx. 106 x 67 x 30 mm (HxWxD)

Weight: approx. 135 g (incl. battery)

Sea level-adjustment: barometric air pressure can be displayed null based even at sea level. (the pressure-adjustment is entered in metres above "null")

Auto-Off-Function: 1...120 min (can be deactivated either).

Min./Max. value memory: Memorizing of max. and min. values.

Zero point-adjustment: automatically

Slope-adjustment: manually

Zero function: Display value and min-/max value are set to null.

Accessories

GKK 252 small case
(235 x 185 x 48 mm) with foam lining

GB 9 V spare battery

other accessories p.r.t. page 60/61



altimeter / barometer / thermometer

GTD 1100

Device ready for use incl. battery

Functions:

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

Specification

Measuring ranges:

Temperature:	-10,0 ... +50,0°C,	Res. 0,1°C	or	14,0 ... +122,0°F,	Res. 0,1°F
Pressure:	300,0 ... 1100,0mbar,	Res. 0,1mbar	or	225,0 ... 825,0mmHg,	Res. 0,1mmHg
High:	-500 ... -200m,	Res. 1m	or	-1640 ... -655ft,	Res. ~5ft
	-200 ... 2000m,	Res. 0.5m	or	- 654 ... 1999ft,	Res. ~2ft
	2000 ... 9000m,	Res. 1m	or	2000 ... 19999ft,	Res. ~5ft

Measuring units: hPa / mbar, mmHg, °C, °F, m, ft

Max. Overload: pressure:4000 mbar resp. 3000 mmHg

Accuracy: (at nominal temperature = 25°C)

Temperature: ±1% FS ± 1digit

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

Sensor: piezoresistive absolute pressure sensor, integrated in housing.

Operating conditions: -10 to 50 °C; 0 to 80 %RH (non condensing)

Storage temperature: -20 to 70 °C

measuring-frequency: 1 measurings / sec.

Display: approx. 12 mm high, 4½-digit LCD-display

Controls: 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: 9V battery type IEC 6F22 (included)

Power consumption: approx. 50 µA (= over 6.000 operating heures with standard zinc carbon batteries)

Low battery warning: „BAT“, automatic in case of low voltage

Housing: impact resistant ABS housing, lucent screening grid. front IP65

Dimensions: approx. 106 x 67 x 30 mm (H x W x D)

Weight: approx. 135 g (incl. battery)

Sea level-adjustment: barometric air pressure can be displayed null based even at sea level. (the pressure-adjustment is entered in metres above "null")

Tendency-meter: for falling / rising air pressure

Sum-function: Displaying the elevation (in metres for ascendency, descendency, overall)

Min./Max. value memory: Memorizing of max. and min. values.

Zero function: Display-value, min-/max-value are set to null (altitude and air pressure)

Auto-Off-Function: 1...120 min (can be deactivated either).

Zero point- and slope-adjustment: manual adjustment (for temperature and air pressure)

Zero function: Display- and min-/max-value are set to null.

System Notifications: permanent self-diagnosis and error indication.

Accessories

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other accessories p.r.t. page 60/61

Precision barometer

for professional usage in measurement technology as well as in spare time sports

- resolution 0.1 mbar
- for simple determination of a building size (steeples, skyscrapers, bridges, etc.)
- further application areas: hiking, hang gliding, cycling, motor-sports, etc.

Certificate of calibration, WPD 5
5 points rising, 5 points falling

calibration certificate, p.r.t. page 4