

Barometer

Altimeter / Barometer / Thermometer / Precision barometer



FOR PROFESSIONAL USAGE IN MEASUREMENT
TECHNOLOGY AS WELL
AS IN SPARE TIME SPORTS

GPB 3300

Art. no. 600129
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 ranges: 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: piezoresistive abs. 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

Slopeadjustment: 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
small case (235 x 185 x 48 mm) with foam lining

GB 9 V

Art. no. 601115
spare battery

GTD 1100

Art. no. 600132
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 ranges

Temperature: -10.0 ... +50.0 °C, or
14.0 ... +122.0 °F,

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 (for barometer): 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

ISO-WPD 5

Art. no. 602514

5 points rising, 5 points falling

GKK 252

Art. no. 601056

Small case (235 x 185 x 48 mm) with foam lining

calibration certificate, p.r.t. page 7