

## BAROMETER



## 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:

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

## ALTIMETER / BAROMETER / THERMOMETER / PRECISION BAROMETER



## GTD 1100

Art. no. 600132  
300.0 ... 1100.0 mbar abs. + Altimeter

## General:

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

## Application:

hiking, hang gliding, cycling, motorsports, etc.

## Specifications:

<b>Measuring range:</b>	
<b>Temperature:</b>	-10.0 ... +50.0 °C. or 14.0 ... +122.0 °F.
<b>Pressure:</b>	300.0 ... 1100.0 mbar abs. or 225.0 ... 825.0 mmHg abs.
<b>High:</b>	-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
<b>Measuring units:</b>	hPa / mbar, mmHg, °C, °F, m, ft
<b>Max. Overload:</b>	pressure: 4000 mbar or 3000 mmHg
<b>Accuracy: (at nominal temperature = 25 °C)</b>	
<b>Temperature:</b>	±1% FS ±1 digit
<b>Absolute pressure:</b>	±1.5 mbar ±1 digit (750 ... 1100 mbar), with certificate of calibration: ±0.5 mbar ±1 digit
<b>Sensor:</b>	absolute pressure sensor, integrated in housing
<b>Operating conditions:</b>	-10 ... +50 °C; 0 ... 80 % RH (non condensing)
<b>Storage temperature:</b>	-20 ... +70 °C
<b>Measuring frequency:</b>	1 measuring / s
<b>Display:</b>	approx. 12 mm high, 4½-digit LCD-display
<b>Sum function:</b>	The covered altitude can be displayed (ascent, descent, total)
<b>Tendency indicator:</b>	Air pressure rising/falling
<b>Sea level correction:</b>	Barometric values can be converted to sea level (therefore the input of the current altitude is needed).
<b>Pushbuttons:</b>	keypad (3 push-buttons) for On/off, min/max-value, tara-function, zero-, slope-, and sea level-adjustment slide switch for unit selection.

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

<b>Power supply:</b>	9 V battery
<b>Battery life:</b>	approx. 6.000 h
<b>System notifications:</b>	permanent self-diagnosis and error indication
<b>Housing:</b>	impact resistant ABS housing
<b>Dimensions:</b>	approx. 106 x 67 x 30 mm (H x W x D)
<b>Weight:</b>	approx. 135 g (incl. battery)
<b>Scope of supply:</b>	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 15