

## PRECISE UNIVERSAL THERMOMETER



## HIGHLIGHTS:

- Modern and functional housing
- 3-line display / overhead display at the push of a button
- Backlighting
- Alarm function
- Waterproof (IP65 / IP67)
- Durable, long battery life
- High-quality sensors: complete with Pt1000 handheld sensor (up to 250 °C incl. handle and cable!)

**G 1700 WITH BNC CONNECTION FOR CHANGEABLE PROBES SEE PAGE 21**

**DURABLE AND AFFORDABLE**

**G 1710**

Art. no. 609828

Precise universal thermometer with permanently connected immersion sensor, Ø 3 mm

**G 1720**

Art. no. 609829

Precise universal thermometer with permanently connected insertion sensor, Ø 3 mm

**G 1730**

Art. no. 609832

Precise universal thermometer with permanently connected insertion sensor, Ø 1.5 mm

**General:**

The primary focus in the development of the new GMH 1000 series was place on the essential functions of the measurement technology. Pure measurement with a focus on precision, speed and reliability packaged in a compact housing distinguish an impressive price/performance ratio, Made in Germany.

The new handheld measuring devices also impress with their ergonomic design, dust and water-protected design in accordance with IP 65/67 and the illuminated display. The compact thermometer is available as a complete device including sensor with maximum overall precision. The device redefines our entry-level measurement class - calibration log included. The matching sensors can be used at temperatures of up to 250 °C (incl. handle and cable) and are distinguished by their compact design and small tube diameter. Integrated: High-quality Pt1000 sensors.

**Application:**

The highest-precision measurements in liquids and in air, for measurement of core temperatures (with insertion sensor); sensor handle and cable temperature range of up to 250 °C (permanent use temperature of 230 °C); laboratories, quality assurance, service, food, etc.

**Specifications:**

<b>Measuring range:</b>	-70.0 ... +250.0 °C (-94.0 ... +482.0 °F)
<b>Accuracy: (at nominal temperature = 25 °C)</b>	-20 ... +100 °C: ±0.1 K ±1 digit -70 ... +250 °C: ±0.2 % of m. v. ±2 digit
<b>Operating conditions:</b>	-20 ... +50 °C; 0 ... 95 % RH (non condensing)
<b>Display:</b>	3-line unit, with background light, protected by an unbreakable pane, overhead display at the push of a button
<b>Power supply:</b>	2 x AA battery, >5000 h operating time
<b>Sensor</b>	
<b>G 1710:</b>	Immersion sensor Ø 3 mm, Pt1000 permanent 2-wire connection, V4A, 1 m cable
<b>G 1720:</b>	Durable insertion sensor Ø 3 mm, Pt1000 permanent 2-wire connection, V4A, 1 m cable
<b>G 1730:</b>	Extra-thin insertion sensor Ø 1.5 mm, Pt1000 permanent 2-wire connection, V4A, 1 m cable
<b>Response time T<sub>90</sub>:</b>	Ø 3 mm: water 0.4 m/s <2 s; Ø 1.5 mm: water 0.4 m/s <1 s
<b>Protection rating:</b>	IP65 / IP67
<b>Housing:</b>	Break-proof ABS housing
<b>Dimensions:</b>	108 x 54 x 28 mm (H x W x D) without sensor connection
<b>Weight:</b>	130 g (without sensor)
<b>Scope of supply:</b>	Device with integrated sensor, calibration log, 2 x battery, manual

**Accessories and spare parts:****ST-G1000**

Art. no. 611373

Device protection bag with 1 round cut-out

**GB AA**

Art.-Nr: 610049

Spare battery AA (2 batteries required)