

## PRECISE PT1000 UNIVERSAL THERMOMETER



SEE ALSO: G 1710, G 1720, G 1730 WITH PERMANENTLY ATTACHED SENSOR

**G 1700**

Item No. 609826

Waterproof alarm thermometer for BNC interchangeable sensors, device loose, without temperature sensor

**G1700-GKK1000**

Item No. 479238

Waterproof alarm thermometer for BNC interchangeable sensors, device in case GKK 1000, without temperature sensor

**G1700-WPT3**

Item No. 479237

Waterproof alarm thermometer for BNC interchangeable sensors, device in case GKK 1000, immersion sensor GF 1T-T3-AA-BNC, ISO calibration certificate WPT3 -20/0/70 °C

**GENERAL:**

When developing the new G 1000 series, the focus was consciously on the essential functions of the measurement technology. Measurement with a focus on precision, speed, and reliability, packed into a compact housing, delivers an outstanding price/performance ratio, Made in Germany.

The new portable instruments also have an impressive ergonomic design, are dust- and water-proof to IP 65/67, and feature a backlit display.

The compact thermometer is equipped with a practical BNC connection for interchangeable sensors. The device redefines our entry-level measurement technology – including a test report.

**APPLICATIONS:**

Precise measurements in liquids and air, for measuring core temperatures (with insertion probe); laboratories, quality assurance, service, food, ...

**TECHNICAL SPECIFICATIONS:**

<b>Measuring range:</b>	-200.0 .. + 450.0 °C (-328.0 .. + 842.0 °F) with plug-in sensor (observe the sensors approved range of application!)
<b>Accuracy (device): (at nominal temperature = 25 °C)</b>	-20 .. + 100 °C: ± 0.1 K ± 1 digit otherwise 0.1 % of reading ± 2 digits
<b>Working conditions:</b>	-20 .. + 50 °C; 0..95 % RH (not condensing)
<b>Display:</b>	3-line with battery level indicator, backlit, protected by break-resistant pane, overhead display at the push of a button
<b>Power supply:</b>	2 x AA batteries, > 5000 h running time
<b>Sensor:</b>	Pt1000 2-wire with BNC connection can be used
<b>Protection class:</b>	IP65 / IP67 (only with sensors marked as waterproof when plugged in)
<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 probe)
<b>Scope of delivery:</b>	Device, test report, 2 x batteries, operating instructions

**HIGHLIGHTS:**

- Modern and functional housing
- 3 line display / overhead display at the push of a button
- Backlit
- Alarm function
- Waterproof (IP65 / IP67)
- Robust, long battery life



connection

**ACCESSORIES OR SPARE PARTS:****GF 1T-T3-B-BNC**

Item No. 609549

compact Pt1000 handheld sensor with silicone handle, immersion sensor Ø3 mm Pt1000 class B, with BNC plug

**GF 1T-E3-B-BNC**

Item No. 609639

compact Pt1000 handheld sensor with silicone handle, insertion sensor Ø3 mm Pt1000 Kl. B, with BNC plug,

**GF 1T-E1.5-B-BNC**

Item No. 609645

compact Pt1000 handheld sensor with silicone handle, insertion sensor Ø 1.5 mm extra thin, Pt1000 class B, with BNC plug,

**GKK 1000**

Item No. 611603

Case for G1000 series / temperature with cut-outs for 1 device of the G 1xxx series 235 x 185 x 48 mm (W x H x D)

**ST-G1000**

Item No. 611373

G 1000 protective bag made of Nappa leather, a universal cutout for sensors, belt clip

**GB AA**

Item No. 610049

Replacement battery mignon (AA) 1.5 V (2 pieces are required)