PRECISION UNIVERSAL THERMOMETER

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
- High-quality sensors: complete with Pt1000 hand probe (up to 250 °C including handle and cable!)

SEE ALSO: G 1700 WITH BNC PLUG FOR INTERCHANGEABLE SENSORS

SUCCESSOR TO **GTH 175** PRODUCTS

Ø 3 MM — G 1710
Ø 3 MM — G 1720
Ø 1.5 MM — G 1730

ROBUST AND GOOD VALUE

G 1710
Item No. 609828
Waterproof alarm thermometer with insertion sensor, Ø 3 mm

G 1720
Item No. 609829
Waterproof alarm thermometer with insertion sensor, Ø 3 mm

G 1730
Item No. 609832
Waterproof alarm thermometer with insertion sensor, Ø 1.5 mm

GENERAL:
When developing the new G 1000 series, the focus was consciously on the essential functions of the measurement technology. The pure measurement with a focus on precision, speed, and reliability, packaged in a compact housing, enables the 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 enables the highest level of precision at an affordable price thanks to its permanently attached probe. The device redefines our entry-level measurement technology – including a test report. The appropriate sensors can be used up to 250 °C (including handle and cable) and are characterized by their compact design and small tube diameters. Installed inside: high-quality Pt1000 sensors.

APPLICATIONS:
Precise measurements in liquids and air, for measuring core temperatures (with insertion sensor); Operating temperature sensor handle and cable up to 250 °C (continuous operating temperature 230 °C); Laboratories, quality assurance, service, food, ...

TECHNICAL SPECIFICATIONS:

Measuring range:	-70.0 .. + 250.0 °C (-94.0 .. + 482.0 °F)
Accuracy: (at nominal temperature = 25 °C)	-20 .. + 100 °C: ± 0.1 K ± 1 digit -70 .. + 250 °C: ± 0.2 % f. MW ± 2 digits
Working conditions:	-20 .. + 50 °C; 0..95 % RH (not condensing)
Display:	3-line with battery level indicator, backlit, protected by break-resistant glass, overhead display at the push of a button
Power supply:	2 x AA batteries,> 5000 h battery life
Probe	
G 1710:	Immersion probe Ø 3 mm, Pt1000 2-wire permanently connected, V4A, cable 1 m
G 1720:	Robust insertion probe Ø 3 mm, Pt1000 2-wire fixed connected, V4A, cable 1 m
G 1730:	Extra thin insertion probe Ø 1.5 mm, Pt1000 2-wire permanently connected, V4A, cable 1 m
Response time T$_{90}$:	Ø 3 mm: water 0.4 m/s <2 s; Ø 1.5 mm: water 0.4 m/s <1 s

G 1710-GKK1000
Item No. 479240
Device in case GKK 1000

G1720-GKK1000
Item No. 479241
Device in case GKK 1000

G1730-GKK1000
Item No. 479242
Device in case GKK 1000

Protection class:	IP65 / IP67
Housing:	break-proof ABS housing
Dimensions:	108 x 54 x 28 mm (H x W x D) without sensor connection
Weight:	130 g (without probe)
Scope of delivery:	Device with integrated sensor, test report, 2 x batteries, operating instructions

OPTIONS:
WPT2A
including WPT2A, factory calibration, test points: 0 °C / 70 °C + GKK 1000
WPT2B
including WPT2B, factory calibration test points: 0 °C / 37 °C + GKK 1000
WPT3
including WPT3, factory calibration, test points: -20 °C, 0 °C, 70 °C + GKK 1000

ACCESSORIES OR SPARE PARTS:
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
Protective bag, leather, 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)