

## Product Information

### G 1781 High Precision Reference Thermometer with Micro-Probe Ø1.1 mm



- Highly precise calibration around 37°C e.g. for reference of medical products e.g. at IVF applications
- High resolution 0.01°C and precision
- Miniaturized precision probe Ø1.1 mm
- Calibratable / traceable
- robust, long battery life
- Made in Germany

## Characteristics

The G 1781 is a high-precision reference thermometer for checking medical technology products like e.g. incubators, where the highest accuracy is required. The miniaturized probe is designed to be inserted in appropriate reference bores and to measure on site quickly and without distortion.

Precision, speed and reliability, packed in a compact and waterproof housing makes the device a reliable partner for professional users,

## Technical Data

Measuring input: NTC 30K, high precision  
Accuracy: at 37°C better ± 0.05 °C

Probe:  
Diameter: Ø 1.1 mm  
Probe length: 12 mm  
Intermediate cable: 27 mm, Ø < 1 mm  
Transition sleeve: Ø4 x 45 mm  
Connection cable: 1.2 m PVC, permanently connected  
Measuring range: 0.00 ... 80,00 °C  
Resolution: 0.01 °C  
Calibration: optional factory calibration (ISO),  
test points: 0 °C, 37 °C, 70 °C

Standard functions: Min/Max/Hold  
Auto power-off function

Additional functions:  
Zero and slope correction

Ambient conditions -20 to 50 °C; 0 to 85 % r.h. (non-condensing)

Display 3 lines with battery status indicator,  
Backlight, shatterproof screen,  
overhead display at the push of a button

Operation 4 long-life buttons

Power supply 2\*AA batteries (incl.)  
Battery life >2500 h (without backlight,  
with backlight >1000 h)  
4 level battery status indicator  
Automatic switch-off, adjustable

Housing Shatterproof ABS  
Screwed battery compartment

Protection class IP40  
Dimensions 108 \* 54 \* 28 mm (L\*W\*H)  
Weight 125 g incl. battery

**Product Information**

**Scope of supply**

- Handheld without sensor (depending on set, please refer to „ordering code“)
- Test protocol, optional calibration certificate
- 2xAA batteries
- Manual

**Ordercode**

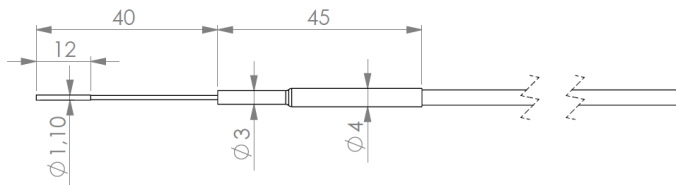
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**1. Set-Option**

- Device alone
- GKK1000 Device in case GKK 1000

**2. Calibration**

- without ISO-calibration certificate
- WPT3B ISO-calibration certificate WPT3B 0 / 37 / 70 °C



Probe dimensions in detail

**Standard articles**

- Instrument only, with temperature probe  
G 1781 Art.-No.. 478418
- Device in case GKK 1000, ISO calibration WPT3 -0 °C, 37 °C, 70 °C  
G1781-GKK1000-WPT3B Art.-No.. 473959

**Accessories**

**Spare parts:**

- Spare batteries 2x AA  
GB-AA-2 Art.-No. 479249

**Additional accessories:**

- Protection bag with belt clip:  
ST-G1000, Art.-No. 611373
- Metal belt clip self-adhesive:  
GCLIP1000, Art.-No. 475820
- G 1000 table base and wall suspension:  
G1000\_BASE Art.-No. 481885
- Carrying case  
GKK1000 Art.-No. 611603
- Rubber protection cover for G 1000 series  
G1000-Cover Art.-No. 483958

