### Product Information

# G 1200 Thermocouple -Quick Response Thermometer

### For exchangeable Type K sensors



- fast: 3 measurements per second
- modern and functional housing in pocket size
- ideal for puncture and surface measurements
- 3-line display / overhead display at the push of a button
- backlight
- high resolution and accuracy
- · first-class thermocouple compensation
- calibratable / traceable
- robust, long battery life
- Made in Germany

### **Characterisitcs**

In the development of the new G 1200 series, the focus was deliberately on the essential elements of measurement technology - the sophisticated thermocouple reference junction is the center of attention - for the best final accuracy - here, despite the fair overall price in a class comparison, no savings were made!

Precision, speed and reliability, packed in a compact and waterproof housing (exception: probe connection) makes the device a reliable partner for professional users and demanding hobbyists, Made in Germany.

Due to the first-class thermocouple compensation ("virtual ice point") with high-quality reference temperature measurement and sophisticated design, they achieve unrivaled measurement reliability in this class.

#### G1200 Series

- the classic thermocouple thermometer.



For fast measurement in kitchen, laboratory, industry, craft, research and education and many beyond.

Fast and precise: with our wide range of interchangeable probes together adaptable for any application.

Our high quality thermocouple probes all comply with the best thermocouple class 1.

For highest precision requirements: please note sister device family G 17xx Pt1000 thermometers.

## **Technical data**

Measuring range -65.0 ... 1200.0 °C / -85.0 ... 2192 °F

Accuracy (at nominal temperature) Instrument ±0.1 % v.MW. ±1 °C Reference junction ±0.3 °C

Measuring cycle Approx. 3 measurements per second DIN Mini thermocouple socket

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

Additional functions

Zero and slope adjustment

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

Display Operation	3-line with battery status indicator, Backlight, protected by shatterproof screen, overhead display at the push of a button 4 long-life keys
Power supply Operating time	2*AA batteries (included) > 2500 h (without backlight, with backlight: >1000 h) 4 level battery status indicator, Auto power off function, configurable
Housing Protection class Dimensions Weight	break proof ABS, screw locked battery compartment IP40 108 * 54 * 28 mm (L*W*H) 125 g incl. battery

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### **Product Information**

## Scope of supply

- Handheld without sensor (depending on set, please refer to "ordering code")
- Test protocol
- 2xAA batteries
- Manual

## **Ordering code**

	1.	2.
G1200	-	

#### 1. Probe

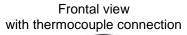
2.

-GTF300	Device alone, without temperature probe With wire probe GTF 300, Type K
-GTE130	With insertion probe GTE 130 OK (no cable), Ø1.5 mm
-T3	With immersion probe GF 1TK-T3 , Ø3 mm, handle short time 250°C, permanent 230°C, 1 m silicon cable 200°C
-E3	With insertion probe GF 1TK-E3, Ø3 mm, handle short time 250°C, permanent 230°C, 1 m silicon cable 200°C
-E1.5	With insertion probe GF 1TK-E1.5, Ø1.5 mm, handle short time 250°C, permanent 230°C, 1 m silicon cable 200°C
Set-Option	

-SET Instrument, battery, manual -SET Device. batteries, manual, in case GKK 1000

-WPT3 Device, batteries, manual, in case GKK 1000, ISO -WPT3 calibration WPT3 -20 / 0 / 70 °C







**Standard articles** 

- Device alone, without temperature probe G1200 Art. no. 482458
- with wire probe GTF 300 G1200-GTF300 Art. no. 482586
- with insertion probe, Ø1.5 mm, in case GKK 1000 G1200-E1.5-SET Art. no. 482726
- with insertion probe, Ø3 mm, in case GKK 1000 G1200-E3-SET Art. no. 482853
- with immersion probe, Ø3 mm, in case GKK 1000, ISO calibration WPT3 -20 / 0 / 70 °C G1200-T3-WPT3 Art. no. 482727
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## Accessories

#### Spare parts:

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

#### Probes:

- Insertion probe without cable, Ø1.5mm GTE 130 OK Art. no. 601483
- Compact immersion probe, silicone handle, Ø3 mm GF 1TK-T3 Art. no. 609695
- Compact insertion probe, silicone handle, Ø3 mm GF 1TK-E3 Art. no. 609697
- Compact insertion probe, silicone handle, Ø1.5mm GF 1TK-E1.5 Art. no. 609699
- Compact air probe, silicone handle, Ø3 mm GF 1TK-L3 Art. no. 611299
- Wire probe for measurements in less than a second GTF 300
  Art. no. 600072
- T-handle insertion probe for bulk material, soil, compost
   GTF 40K-620 Art. no. 610829

#### 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

G 1200 with probe GF 1TK-T3

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