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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

Characteristics

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

Approx. 3 measurements per second Measuring cycle Connection Socket for miniature flat-pin plug

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)

3-line with battery status indicator, Display

Backlight, protected by shatterproof screen, overhead display at the push of a button

Operation 4 long-life keys

2*AA batteries (included) Power supply Operating time

> 2500 h (without backlight, with backlight: >1000 h) 4 level battery status indicator, Auto power off function, configurable

break proof ABS. Housing

screw locked battery compartment

Protection class

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

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Product Information

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Scope of supply

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

Ordering code

G1200

1. Probe

| -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 |

2. Set-Option

Instrument, battery, manual

-SET Device, batteries, manual, in case GKK 1000

Device, batteries, manual, in case GKK 1000, ISO

-WPT3 calibration WPT3 -20 / 0 / 70 °C

silicon cable 200°C



Frontal view with thermocouple connection



G 1200 with probe GF 1TK-T3

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

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

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