

Product Information

G 1202 quick response 2 channel-alarm-thermometer

For exchangeable Type K sensors



- **fast: 3 measurements per second**
- **2 probes can be connected, difference-display**
- **alarm function with buzzer**
- **modern and functional - 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.

The simple alarm function facilitates the monitoring of the temperature "simultaneously" while concentrating on other jobs.

G1200 Series

- the classic thermocouple thermometer.

Double probe thermometers are necessary for commissioning and service all kind of thermal machines and elements, like heat pumps and radiators, and wherever temperatures are to be compared directly or monitored simultaneously 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.

Technical data

Measuring range	-65.0 ... 1200.0 °C / -85.0 ... 2192 °F
Display	Channel 1 & 2 or difference & channel 2
Accuracy (at nominal temperature)	
Instrument	±0.1 % v.MW. ±1 °C
Reference junction	±0.3 °C
Measuring cycle	Approx. 3 measurements per second
Connections	two DIN Mini thermocouple sockets
Standard functions	Min/Max/Hold Auto power-off function
Additional functions	Zero and slope adjustment Alarm function with buzzer (Min/Max Alarm channel 1 and 2 or difference)
Ambient conditions	-20 to 50 °C; 0 to 85 % r.h. (non condensing)
Display	3-line with battery status indicator, Backlight, protected by shatterproof screen, overhead display at the push of a button
Operation	4 long-life keys
Power supply	2*AA batteries (included)
Operating time	> 2500 h (without backlight, with backlight: ~1000 h) 4 level battery status indicator, Auto power off function, configurable
Housing	break proof ABS, screw locked 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
- 2xAA batteries
- manual

Ordering code

G1202 1. - 2.

1. Probe

- Device alone, without temperature probe
- GTF300 With 2 wire probes GTF 300, Type K

2. Set-Option

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



Frontal view
with thermocouple connection



G 1202 with wire probe GTF 300 and surface probe GOF 400VE

Standard articles

- Device alone, without temperature probe
G1202 Art. no. 483717
- With wire probe GTF 300
G1202-GTF300 Art. no. 483720

Accessories

Sets:

- Device with 2 wire probes GTF 300
G1202-GTF300 Art.-No. 483720

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