

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

Measuring cycle Approx. 3 measurements per second
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)

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

