



PORTABLE INSTRUMENTS
Temperature



Ready to use anytime, reliable and fast.

The new thermocouple quick-response thermometer and differential thermometer of the G 120x series from Greisinger.

The new thermocouple quick response thermometer G 1200 and differential thermometer G 1202 from Greisinger.

The dream team scores high on precision, speed, and reliability.

The thermometers, along with the wide range of interchangeable probes, are adaptable to any application.

Type K thermocouples measure the occurrence of a thermal voltage caused by a temperature gradient along an electrical conductor. Type K thermocouples can be economically produced in the smallest possible size and cover a very wide temperature range. Our new G 1200 series is equipped with a high-precision temperature compensation, which ensures the best possible practical accuracy.

The G 1200 quick-response thermometer, together with the 2-channel differential thermometer G 1202, is suitable for use when fastest measurements over a wide temperature range are required, when the smallest measurement peaks are needed for puncture/core temperature measurements, or when the various surface measurements must be carried out by contact, clamp or wire probes.

The G 1202 differential thermometer is used wherever temperatures need to be directly compared or simultaneously monitored. Together with our wide range of probes it can be adapted to any application. Of course, all our high-quality thermocouple probes comply with the best thermocouple accuracy class 1.

Reliable and versatile in use.

The new thermocouple Type K G 1200 and G 1202 quick-response thermometers have become widely used in a wide range of applications specifically due to their high versatility. After all, the extensive range of probes and sets ensure universal use.

Advantages

- Fast: 3 measurements per second
- Modern and functional housing – pocket size
- 2 probes can be connected, differential temperature display (G 1202)
- Alarm function with buzzer (G 1202)
- Ideal for insertion 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



Extensive application in industry ...



To operate in an energy-saving, comfortable and fail-safe manner, perfect adjustment, and function are crucial for heating systems. During commissioning and maintenance, temperature measurements, e.g. on supply/return temperatures, show whether the optimum operating condition is ensured. After hydraulic balancing sound heat distribution can be checked quickly and reliably with the G 1202.



In many industrial processes temperature is one of the most important parameters. For example, measuring the surface temperature within split seconds before the welding process. Fast surface measurements on metal surfaces are the strength of the G 120x and its matching surface probes.

... can also be used for domestic applications



Heat build-up test on electronic components:

An indispensable aid for troubleshooting of electronic development and electrical equipment services. In addition, the simple and inexpensive GTF 300 wire probe can be used for a wide range of measurements.



When cooking or baking:

The measurement of liquids as well as core and cooking temperature are determined very quickly – for first-class results in the kitchen.



GTZ 300: practical clamp probe for pipe surface temperature measurements at -65 to $+150$ °C

Surface probe for fastest measurement at -65 to $+400$ °C

G 1202: front view

G 1202: differential thermometer with 2 wire probes

Interchangeable probes can be selected. The new G 1200 series for a wide range of applications. Device kits and Type K are available for a variety of applications.



GTE 130 OK



GF 1TK-T3



GF 1TK-E3



GF 1TK-E1.5



GTF 300



GOF 400 VE



GTZ 300

DESCRIPTION	DESCRIPTION	ORDER NO.
DEVICES WITHOUT PROBES		
quick-response thermometer -65 to 1200 °C, Type K	G1200	482458
quick-response 2-channel alarm thermometer -65 to 1200 °C, Type K	G1202	483717
DEVICES AS SETS		
quick-response thermometer with thin Ø 1.5 mm cable insertion probe	G1200-E1.5-SET	482726
quick-response thermometer with robust Ø 3 mm	G1200-E3-SET	482853
quick-response thermometer with thin Ø 1.5 mm direct insertion probe	G1200-GTE130	482739
quick-response thermometer with wire probe	G1200-GTF300	482586
quick-response thermometer in seconds with Ø 3 mm insertion probe, in case GKK 1000, calibrated (ISO) -20 / 0 / 70 °C	G1200-T3-WPT3	482727
quick-response differential thermometer with 2 wire probes GTF 300	G1202-GTF300	483720
MATCHING PROBES		
compact thin insertion probe Ø 1,5 mm with silicone handle	GF1TK-E1.5	609699
compact air / gas probe Ø 3 mm with silicone handle	GF1TK-L3	611299
compact insertion probe Ø 3 mm with silicone handle	GF1TK-T3	609695
wire probe -65 to +300 °C	GTF300-L01-00	600039
direct insertion probe (without cable) -65 to 400 °C	GTE1300K	601483
stainless steel T-handle insertion probe for bulk solids and bales 620 mm / Ø 10 mm	GTF40-K-620	610829
clamp-on probe -65 to 150 °C Probe	GTZ300	603287
ACCESSORIES		
Protection bag for G 1000 series	G1000-Cover	483958

Greisinger portable instrument catalogue.

Quality without compromise.

Thanks to their reliable sensor technology, Greisinger portable instruments are the first choice when it comes to measuring the relevant measurands directly on site, precisely, reliably, simply and in accordance with everyday needs.

Convincing features:

- compact, robust and powerful portable instrument technology
- "Made in Germany"
- outstanding accuracy

- efficient measuring results
- extensive product range for a wide variety of measurands
- all portable instruments have a high system accuracy
- pressure measuring instruments in explosion-proof design for hazardous applications (ATEX)
- for the professional and ambitious hobbyist at an unrivaled price
- practical, handy housing suitable for everyday use
- operating instructions in German and English