

Maximum speed and resolution,
universal application, low price



PRECISION QUICK-RESPONSE THERMOMETER

GMH 1170

Battery operation, for plug-in probes, °C / °F (0,1° or 1°), min./max. value memory, hold function, automatic-off, offset and scale adjustable

Application: quick response measurements on surfaces, in liquids, air/gases etc.

Specification:

Measuring range:

-65,0 ... +199,9°C or -65 ... +1150°C
(-85,0 ... +199,9°F or -85 ... +1999°F)

Resolution: 0,1°C or 1°C (0,1°F or 1°F)

Accuracy: ±1 digit (at nominal temperature = 25°C)

-65,0...199,9°C: ±0.05% of m.v. ±0.2% FS

-65 ... 1150°C: ±0.1% of m.v. ±0.2% FS

Temperature drift: 0,01%/K

Point of comparison: ±0,3°C

Probe connection: standard flat-pin plug suitable for all NiCr-Ni (type K) probes.

(For suitable Probes p.r.t. pages 89 - 93)

Offset and Scale: digital offset and scale adjustment for optimum precision.

Display: 3½ digit LCD, approx. 13mm high

Working temperature: -25 to +50 °C

Storage temperature: -25 to +70 °C

Power supply: 9V battery type IEC 6F22 (incl.)

Measuring interval: approx. 3 meas. / sec.

Power consumption: approx. 0.15 mA

Battery service life: approx. 2000 operating hours

Low battery warning: „BAT“

Auto-Off-function: selectable from 1 to 120 min. or deactivated

Min./Max. value memory: Memorizing of max. and min. values.

Hold function: By pressing a button the current values will be memorized.

Dimensions: approx. 142 x 71 x 26 mm (H x W x D), impact resistant ABS plastic case, front side IP65, integrated pop-up clip for table top or suspended use.

Weight: approx. 145 g (incl. battery)

Accessories:

For NiCr-Ni probes p. r. t. pages 89 - 93.

GKK 3000 case

(275 x 229 x 83 mm) with punched lining suitable for all devices of the GMH3xxx-series and GMH1150

GB 9 V spare battery

for additional accessories p.r.t. page 35

Maximum speed, universal application,
low price



DIGITAL-QUICK RESPONSE-POCKET THERMOMETER

GTH 1150

Battery operation, for plug-in probes,

Application: quick response measurements on surfaces, in liquids, soft media, air/gases, at the smallest objects etc..For all applications where a resolution of 1°C is sufficient.

Specification:

Measuring range: -50 ... +1150 °C

Resolution: 1°C

Accuracy: (at nominal temperature)

better 1% ± 1 digit (from -20 to +550 and 920 to 1150°C). From 550 to 920°C better 1,5% ±1digit. From -20 to -50°C according to attached correction table.

Probe connection: standard flat-pin plug (free of thermo-voltage) suitable for all NiCr-Ni (type K) probes. Probe is not included. Optimum probe to be ordered separately depending on desired application! Refer to pages 89 - 93

Display: 3½ digit LCD, approx. 13mm high

Nominal temperature: 25 °C

Working temperature: 0 to 45 °C

Storage temperature: -20 to +70 °C

Power supply: 9V battery type IEC 6F22 (included).

Power consumption: approx. 0.4 mA

Battery service life: approx. 700 operating h

Low battery warning: „BAT“

Dimensions: approx. 106 x 67 x 30 mm (H x W x D), impact resistant ABS plastic housing.

Weight: approx. 150 g (incl. battery)

Accessories:

approx. 20 different standard NiCr-Ni temperature probes (type K) as per list of probes or custom designed as per your specification are available. Please refer to pages 89 - 93.

GKK 252 case

(235 x 185 x 48 mm) with foam lining

GKK 1100 case

(340 x 275 x 83 mm) with foam lining

GB 9 V spare battery

miscellaneous accessories p.r.t. page 35

High precision, low power consumption,
min-/max-value memory, hold function,
auto-off function, down to -25°C ambient
temperature, °C and °F, offset/scale



PRECISION QUICK-RESPONSE POCKET THERMOMETER

GTH 1170

Battery operation, for plug-in probes, °C / °F (0,1° or 1°), min./max. value memory, hold function, automatic-off, offset and scale adjustable

Application: quick response measurements on surfaces, in liquids, air/gases etc.

Specification:

Measuring range:

-65,0 ... +199,9°C or -65 ... +1150°C
(-85,0 ... +199,9°F or -85 ... +1999°F)

Resolution: 0,1°C or 1°C (0,1°F or 1°F)

Accuracy: ±1 digit (at nominal temperature = 25°C)

-65,0...199,9°C: ±0.05% of m.v. ±0.2% FS

-65 ... 1150°C: ±0.1% of m.v. ±0.2% FS

Temperature drift: 0,01%/K

Point of comparison: ±0,3°C

Probe connection: standard flat-pin plug suitable for all NiCr-Ni (type K) probes.

(For suitable Probes p.r.t. pages 89 - 93)

Offset and Scale: digital offset and scale adjustment for optimum precision.

Display: 3½ digit LCD, approx. 13mm high

Working temperature: -25 to +50 °C

Storage temperature: -25 to +70 °C

Power supply: 9V battery type IEC 6F22 (included).

Measuring interval: approx. 3 meas. / sec.

Power consumption: approx. 0.15 mA

Battery service life: approx. 2000 operating hours

Low battery warning: „BAT“

Auto-Off-function: selectable from 1 to 120 min. or deactivated

Min./Max. value memory: Memorizing of max. and min. values.

Hold function: By pressing a button the current values will be memorized.

Dimensions: approx. 106 x 67 x 30 mm (H x W x D), impact resistant ABS plastic housing.

Weight: approx. 135 g (incl. battery)

Accessories:

For NiCr-Ni probes p. r. t. pages 89 - 93.

GKK 252 case

(235 x 185 x 48 mm) with foam lining

Komplett-offering p.r.t. page 3
device incl. certificate of calibration and case

for additional accessories p.r.t. page 35