

QUICK RESPONSE THERMOMETER TYPE K



GTH 1150

GMH 1150

GTH 1150

Art. no. 600047

Quick response thermometer, accessories not included, for plug-in probes

GMH 1150

Art. no. 600045

Quick response thermometer, accessories not included, 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.

Specifications:

Measuring range:	-50 ... +1150 °C
Resolution:	1 °C
Accuracy: (at nominal temperature = 25 °C)	≤1 % ±1 digit (from -20 ... +550 and 920 ... 1150 °C) ≤1.5 % ±1 digit (from 550 ... 920 °C) from -20 ... -50 °C according to attached correction table
Probe connection:	Thermoelectric-voltage-free miniature socket, suitable for all type K (NiCr-Ni) measuring sensors with mini flat plug
Display:	3½ digit, approx. 13 mm high LCD
Working temperature:	0 ... 45 °C
Storage temperature:	-20 ... +70 °C
Power supply:	9 V battery (included), Additional at GMH 1150: d.c. connector for external 10.5 ... 12 V direct voltage supply. (suitable power supply: GNG10/3000)
Battery life:	approx. 700 operating hours
Dimensions:	GTH 1150: approx. 106 x 67 x 30 mm (H x W x D). Impact resistant ABS plastic housing GMH 1150: approx. 142 x 71 x 26 mm (H x W x D). Impact-resistant ABS plastic housing, membrane keyboard, transparent panel, integrated pop-up clip
Weight:	approx. 150 g (GTH 1150), approx. 160 g (GMH 1150)
Scope of supply:	Device, battery, manual

Accessories and spare parts:

- GTF 300**
Art. no. 600072
wire probe
- additional NiCr-Ni probes (type K)** p.r.t. page from 32
- GB 9 V**
Art. no. 601115
spare battery
- GNG 10 / 3000**
Art. no. 600273
power supply
- ST-KN**
Art. no. 601080
device protection bag, suitable for GTH 1150
- ST-N1**
Art. no. 601070
device protection bag, suitable for GMH 1150

PRECISION QUICK RESPONSE THERMOMETER TYPE K



GTH 1170

GMH 1170

GTH 1170

Art. no. 600000

Precision quick response thermometer, accessories not included, for plug-in probes

GMH 1170

Art. no. 600113

Precision quick response thermometer, accessories not included, for plug-in probes

Application:

Quick response measurements on surfaces, in liquids, air/gases etc.

Specifications:

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)	-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:	Thermoelectric-voltage-free miniature socket, suitable for all type K (NiCr-Ni) measuring sensors with mini flat plug
Display:	3½ digit, LCD display approx. 13 mm high
Working temperature:	-25 ... +50 °C
Storage temperature:	-25 ... +70 °C
Power supply:	9 V battery
Measuring interval:	approx. 3 meas. / s
Battery life:	approx. 2000 operating hours
Dimensions:	GTH 1170: approx. 106 x 67 x 30 mm (H x W x D), impact resistant ABS plastic housing; GMH 1170: approx. 142 x 71 x 26 mm (H x W x D), Impact-resistant ABS plastic housing, membrane keyboard, transparent panel, integrated pop-up clip
Weight:	approx. 135 g (GTH 1170), approx. 150 g (GMH 1170)
Scope of supply:	Device, battery, manual

Accessories and spare parts:

- NiCr-Ni (Typ K)-Fühler** ab Seite 32
- GB 9 V**
Art. no. 601115
spare battery
- ST-KN**
Art. no. 601080
device protection bag, suitable for GTH 1150
- ST-N1**
Art. no. 601070
device protection bag, suitable for GMH 1170
- GTH 1170-GTF 900-WPT**
Art. no. 602675
Complete Solution incl. immersion probe GTF 900 and certificate of calibration WPT (with meas. points: 0 / 100 / 250 / 500 °C) and case GKK 1100.

