

QUICK RESPONSE THERMOMETER TYPE K



GTH 1150

GMH 1150

GTH 1150

Product-ID: 600047

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

GMH 1150

Product-ID: 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:	flat-pin plug (free of thermo-voltage) suitable for all NiCr-Ni probes (type K)
Display:	3½ digit, approx. 13 mm high
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)
Power consumption:	approx. 0.4 mA
Battery service life:	approx. 700 operating hours
Dimensions:	GTH ...: approx. 106 x 67 x 30 mm (H x W x D). impact resistant ABS plastic housing. GMH ...: approx. 142 x 71 x 26 mm (H x W x D). impact resistant ABS plastic housing, front side IP65, 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 Product-ID: 600072 wire probe	
additional NiCr-Ni probes (type K)	p.r.t. page 20 - 22
GB 9 V Product-ID: 601115 spare battery	
GNG 10 / 3000 Product-ID: 600273 power supply	
ST-KN Product-ID: 601080 device protection bag, suitable for GTH 1150	
ST-N1 Product-ID: 601070 device protection bag, suitable for GMH 1170	

PRECISION QUICK RESPONSE THERMOMETER TYPE K



GTH 1170

GMH 1170

FUNCTIONS:



GTH 1170

Product-ID: 600000

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

GMH 1170

Product-ID: 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 ranges:	-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 nom. 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:	standard flat-pin plug (free of thermo-voltage) suitable for all NiCr-Ni (type K) - probes
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
Power consumption:	approx. 0.15 mA
Battery service life:	approx. 2000 operating hours
Dimensions:	GTH ...: approx. 106 x 67 x 30 mm (H x W x D). impact resistant ABS plastic housing. GMH ...: approx. 142 x 71 x 26 mm (H x W x D). impact resistant ABS plastic housing, front side IP65, 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 (type K) probes	p.r.t. page 20 - 22
GB 9 V Product-ID: 601115 spare battery	
ST-KN Product-ID: 601080 device protection bag, suitable for GTH 1150	
ST-N1 Product-ID: 601070 device protection bag, suitable for GMH 1170	
GTH 1170-GTF 900-WPT Product-ID: 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.	

