

PRECISION QUICK-RESPONSE THERMOMETER FOR THERMOCOUPLES

GS.GMH3250

HIGHLIGHTS:

- Serial interface
- Correction factor for surface measuring can be switched on / off
- Analog output 0 - 1 V at GMH 3210, GMH 3230 AND GMH 3250:
- 2 plug-in probes can be connected and read simultaneously
- Temperature differences



SPECIFICATIONS:

Thermocouples:	J, K, N, S, T
Resolution:	0.1 °C or 1 °C
Measuring range:	-220°C ... +1750°C (depending on thermocouples)
Measuring ranges: (extract)	
Type K:	(MB1) -199.9 ... +999.9 °C (MB2) -220 ... +1372 °C
Genauigkeit: (Auszug)	
Accuracy: (extract)	
Type K:	(for MB1) ±0.03 % of m.v. ±0.05 % f.s. (T ≥ -60 °C) ±0.2 % of m.v. ±0.05 % f.s. (T < -60 °C) (for MB2) ±0.08 % of m.v. ±0.1 % f.s. (T ≥ -100 °C) ±1 °C ±0.1 % f.s. (T < -100 °C)
Probe connections:	2
Display:	two 4-digit LCD displays (12.4 mm and 7 mm high)
Serial interface:	3-pole jack socket Ø 3.5 mm, direct connection to RS232 or USB interface of a PC via electri- cally isolated interface adapter GRS 310x or USB 3100 N (p.r.t. accessories).
Compensation value for surface measurements:	can be set and switched on/off if required
Difference measurements:	Temperature difference probe 1 - probe 2 can be displayed if 2 probes are connected.
Logger function:	manual: 99 data sets (fetch data via buttons or interface) cyclic: 9.999 data sets (fetch data via interface) adjustable cycle time: 1 s ... 1 h The logger is started or stopped by keypad or interface. The soft- ware GSOF 3050 (see accesso- ries) is available for comfortable read-out of logger data.

Power supply:	9 V-battery as well as additional d.c. connector for external 10.5- 12 V direct voltage supply. (suit- able power supply: GNG10/3000)
Battery life:	approx. 200 h
Housing:	impact resistant ABS plastic case, membrane keyboard, transparent panel, integrated pop-up clip
Dimensions:	142 x 71 x 26 mm (H x W x D)
Weight:	approx. 155 g
Scope of supply:	device, battery, manual

ACCESSORIES AND SPARE PARTS:

GB 9 V

Art. no. 601115
Spare battery 9 V

GNG 10/3000

Art. no. 600273
Plug-in power supply (220 / 240 V, 50 / 60 Hz),
output voltage: 10.5 V / 10 mA, suitable for
devices with power supply socket

ST-N1

Art. no. 601070
Nappa leathern device protection bag with 1 rectangular
cut-out for sensor connection
suitable for: GMH 3210

ST-N2

Art. no. 601072
Nappa leathern device protection bag with 2 rectangular
cut-outs for sensor connection
suitable for: GMH 3230, GMH 3250

GKK 3500

Art. no. 601052
with punched lining for 1 device (394 x 294 x 106 mm)



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