

GS.GMH175

GENERAL:

The overall error of a measuring consists of the sum of the instrument error and the probe error. To minimize the overall error, we offer calibrated and optimized systems below. Due to their excellent system accuracy they are especially suitable for quality assurance according to ISO9000ff, as reference instruments in manufacturing processes, laboratory, Service and maintenance, etc. The system optimization is done via a special characteristic curve which is determined for each temperature probe separately and stored in the instrument (GMH 3750) or with probe adjusting via offset and slope input (GMH 3710). Because of the low measuring current there is no self heating effect of the sensor (thermovoltage compensation).

APPLICATIONS:

high-precision measurements in liquids, soft media, air/gases



SPECIFICATIONS:

Measuring range:	-199.9 ... +199.9 °C
Resolution:	0.1 °C
Accuracy: (at nominal temperature = 25 °C)	
Device:	0.1 °C ±1 digit (within range of: -70.0 ... +199.9 °C)
Display:	3½ digit, LCD display approx. 13 mm high
Working temperature:	-30 ... +45 °C (low temperature - for use in cold storage rooms!)
Storage temperature:	-30 ... +70 °C
Power supply:	9 V-Battery (included) as well as additional d.c. connector for external 10.5-12 V direct voltage supply. (suitable power supply: GNG10/3000)
Battery life:	approx. 200 operating hours
Housing:	impact resistant ABS plastic case, membrane keyboard, transparent panel, integrated pop-up clip
Dimensions:	approx. 142 x 71 x 26 mm (H x W x D)
Weight:	approx. 160 g (incl. battery)
Scope of supply:	Device, battery, manual

ACCESSORIES AND SPARE PARTS:

GB 9 V

Art. no. 601115
spare battery

ST-R1

Art. no. 601066
device protection bag with cut-out for probe connection

Le caratteristiche dichiarate possono cambiare senza alcun preavviso



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