Handheld instrument

Display/Controller

Logger/EASYBus

Transmitter

Temperature probe

Simulator

Alarm/Protection, Level

FUNCTIONS:

(AUTO-HOLD)
(AUTO OFF)
(BAT)
(MIN MAX)
(O/S-CORR)

LIQUIDS
AIR / GAS

BENDABLE

SOFT MEDIA

CORE TEMPERATURE
Ø 3 MM

CORE TEMPERATURE
Ø 1.5 MM

GMH 2710-K

GMH 2710-G

RECOMMENDED FOR „SOUS-VIDE-COOKING"

WATER-PROOF
AND VERY ROBUST
DEVICE AND PROBE

HIGHLIGHTS:

• Easy handling

• Battery life time > 6000 hours

GMH 2710-F
GMH 2710-I

GMH 2710-T
Product-ID: 602034
Temperature measuring device incl. universal probe

GMH 2710-E
Product-ID: 602036
Temperature measuring device incl. insertion probe

GMH 2710-K
Product-ID: 602038
Temperature measuring device incl. Teflon insertion probe

GMH 2710-G
Product-ID: 602040
Temperature measuring device incl. mini Teflon probe

GMH 2710-F
Product-ID: 604035
Single-hand temperature measurement device with integrated immersion probe

GMH 2710-I
Product-ID: 604611
Single-hand temperature measurement device with integrated insertion probe

Application:
Accurate measurements for laboratories, quality management, and monitoring of production processes
Area of application:
Food (HACCP), medical / pharmaceutical science, chemistry, aquaristics, fish farming, aquaculture, etc.
GMH 2710-F/-I:
Optimal for measurements at places difficult to access, e.g.
• storage temperature control (especially food)
• temperature control for food measurements (HACCP)
• incoming inspection
• temperature measurements as part of legionellae tests
These measurements may cause problems with ordinary thermometers.

Specifications:

Measuring range:	
GMH 2710-T / -E	-199.9 ... +200.0 °C
GMH 2710-K / -G	-199.9 ... +250.0 °C
GMH 2710-F / -I	-70 ... +250 °C
Resolution:	0.1 °C

Accuracy:	
at -20.0 ... +100.0 °C	±0.1 °C ±1 digit
at -70.0 ... +200.0 °C	±0.1 % of meas. value ±2 digit, sensor calibrated with device
Probe:	Pt1000, 2-wire, isolated water- and steam-proof, permanently connected to device
GMH 2710-T	plastic handle 135 mm long 1 m PVC cable (max 100 °C) Ø 3 mm / length: 100 mm
GMH 2710-E	plastic handle 135 mm long, additionally with slim insertion tip for all soft media. 1 m PVC cable (max 100 °C) Ø 3 mm / length: 100 mm
GMH 2710-K	design type with big Teflon handle and 1 m Teflon cable, with slim insertion tip, handle and cable are resistant to temperatures up to 250 °C air temperature. Stainless steel kink protection, Ø 3 mm / length: 100 mm
GMH 2710-G	design type with small Teflon handle and 1 m Teflon cable, with slim insertion tip, handle and cable are suitable for permanent application at temperatures up to 250 °C. Stainless steel kink protection, Ø 1.5 mm / length: 100 mm
GMH 2710-F	V4A mantle tube, bendable, Ø 3 mm, length 150 mm
GMH 2710-I	V4A mantle tube with needle-shaped insertion tip, bendable, Ø 3 mm, length 150 mm
Response time T$_{90}$:	approx. 10 s
Display:	two 4-digit LCD (12.4 mm and 7 mm)
Nominal temperature:	+25 °C
Working temperature:	-25 ... +50 °C
Storage temperature:	-30 ... +70 °C
Power supply:	2 x AAA batteries
Battery life time:	> 6000 hours
Protection class:	IP65 / IP67
Housing:	Housing made of impact-resistant ABS
Dimensions:	154 x 81 x 31 mm (H x W x D)
Weight:	215 g (incl. battery and probe)
Scope of supply:	device incl. probe, battery, manual

Accessories and spare parts:

K 50 BL
Product-ID: 601352
Silicone protection cover blue

K 50 RE
Product-ID: 607456
Silicone protection cover red