

Waterproof HACCP-Thermometer with Pt1000-probe



Features

- Waterproof (device and probe)
- Easy handling
- Robust and with good grip
- High accuracy ($\pm 0.1\text{ }^{\circ}\text{C}$ ± 1 digit)
- Automatic freezing of constant measuring value (Auto-Hold)
- Battery life time > 6000 hours

GMH 2710 Temperature measuring device incl. universal probe

GMH 2710-K Temperature measuring device incl. teflon probe

Field of application

High-precision measurements:

- Laboratory
- Quality management
- Production process control

Areas:

- Foods (HACCP)
- Medicine / pharmaceuticals
- Chemistry
- Fishkeeping, aquafarming, aquaculture
- Etc.

General functions

- Auto-Power-Off
- Min-/Max. value memory
- Can be calibrated (zero point & slope)
- Automatic freezing of constant measuring value (Auto-Hold)
- Low battery display "BAT"

Accessories

K 50 BL

Silicone protection cover



Technical data

Measuring ranges:

GMH 2710 -200.0 ... +200.0 $^{\circ}\text{C}$

GMH 2710-K -200.0 ... +250.0 $^{\circ}\text{C}$

Resolution: 0.1 $^{\circ}\text{C}$

Accuracy:

at -20.0 ... 100.0 $^{\circ}\text{C}$ $\pm 0.1\text{ }^{\circ}\text{C} \pm 1$ digit

at -70.0 ... 200.0 $^{\circ}\text{C}$ $\pm 0.1\%$ of meas. value ± 2 digit

Probe is calibrated to the device

Probe:

Pt1000, 2-wire, potential-free, waterproof and steam-tight, permanently connected to device

\varnothing 3 mm / length: 100 mm,

GMH 2710 Plastic handle, 135 mm long, max. 70 $^{\circ}\text{C}$
1 m PVC-cable, max. 100 $^{\circ}\text{C}$

GMH 2710-K Teflon handle and 1m Teflon cable, both handle and cable are resistant to permanent high temperatures up to 250 $^{\circ}\text{C}$, stainless steel bend protection

Reaction time T_{90} :

approx. 10 s

Display:

two 4-digit LCD (12.4 mm and 7 mm)

Nominal temperature:

+25 $^{\circ}\text{C}$

Working temperature:

-25 to +50 $^{\circ}\text{C}$

Storage temperature:

-30 to +70 $^{\circ}\text{C}$

Power supply:

2 x AAA-batteries

Battery life time:

> 6000 hours

Protection class:

IP65 / IP67

Dimensions:

154 x 81 x 31 mm (H x W x D)

215 g (incl. battery and probe)

Impact resistant ABS housing