

Room thermometer



COMFORTABLE
HANDLING WITH
ONLY ONE HAND

GTH 200 air

Art. no. 600251
Precision room thermometer

General:

The exposed but yet protected temperature sensor provides fast and precise measurements of $\pm 0.2^\circ\text{C}$ (at 20°C). The device has undergone a streamlining process and is optimized to its key features, ensuring a comfortable and efficient handling with only one hand.

Application:

The room thermometer GTH 200 air is an essential tool for fast and precise temperature measurements in

- calibration rooms
- production / computer rooms
- living space
- laboratories, etc.

Specifications:

Measuring range:	-25.0 ... +70.0 $^\circ\text{C}$
Resolution:	0.1 $^\circ\text{C}$
Accuracy:	(± 1 digit) (at nominal temperature) $\pm 0.5\%$ of meas. value $\pm 0.1^\circ\text{C}$
Sensor:	Pt 1000, DIN class AA
Response time T_{90}:	approx. 5 s
Display:	4½ digit, 11 mm high LCD-display
Nominal temperature:	25 $^\circ\text{C}$
Working temperature:	-20 ... +70 $^\circ\text{C}$
Working humidity:	0 ... 95 % RH (non condensing)
Storage temperature:	-25 ... +70 $^\circ\text{C}$
Power supply:	9 V battery
Current consumption:	max. 0.1 mA
Battery life:	approx. 6000 operating hours with alkaline battery
Housing:	impact-resistant ABS housing
Dimensions:	approx. 106 x 67 x 30 mm (H x W x D), additionally the sensor head at the front side, 35 mm long, \varnothing 14 mm, resulting total length 141 mm
Weight:	approx. 135 g incl. battery
Scope of supply:	device, battery, manual

Hay thermometer

**HIGHLIGHTS:**

- Fiberglass Probe 4 meter long
- Backlight
- Alarm function

hardened
cutting tip

HayTemp 285

Art. no. 605848
Heutemperatur-Messgerät

General:

Stored hay or straw, etc. is prone to overheating (depreciation) or even self-ignition, because of biological processes. This problem is even emphasized with higher moisture contents. Therefore a regular temperature check is crucial. The HayTemp 285 optimally supports farmers as well as firefighters in silo check.

Application:

Measurements at depth up to 4 m. The alarm function additionally allows for acoustic monitoring of the selected temperature boundaries. The serial interface in combination with GAM 3000 can be used for switching additional alarm devices or realizing basic control processes. The device is also supplied by the GAM 3000: continuous operation possible.

Specifications:

Device:	GMH 285-BNC, see page 13
Probe connection:	BNC, Pt1000, 2-wire
Measuring rod:	Fiberglass probe, approx. 4 m long, approx. 10 mm \varnothing , 1 measuring point at probe tip
Cutting tip:	screwable, double-edged tip with integrated temperature sensor
Weight:	Measuring rod with cutting tip approx. 600 g
Scope of supply:	Device, fiberglass rod, probe tip Pt1000, BNC cable (1.5 m), battery, manual

Accessories and spare parts:**GMH 285-BNC**

Art. no. 605507
Alarm thermometer with BNC socket

Fiberglassrohr

Art. no. 604407
4 m, without probe and without tip

Sondenspitze

Art. no. 604537
with integrated temperature sensor

Kabel BNC/BNC

Art. no. 602855
Connection cable with 1.5 m length

ST-R1-US

Art. no. 605929
Device protection bag with cut-outs for sensor connector and strap

Instruments for hay and straw humidity measurements: see BaleCheck Seite 43!