

Precision room thermometer



NEW



GTH 200 air

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.

The exposed but yet protected temperature sensor provides fast and precise measurements of ± 0.2 °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.

Specifications

Measuring range:	-20.0 ... 70.0 °C
Resolution:	0.1 °C
Accuracy:	(± 1 digit) (at nominal temperature) $\pm 0.5\%$ of meas. value ± 0.1 °C
Sensor:	Pt 1000, 1/3 DIN class B
Response time:	T90 = approx. 5 s
Display:	3 1/2 -digit, 13 mm high LCD-display
Nominal temperature:	25 °C
Working temperature:	-20 ... 70 °C
Working humidity:	0 ... 95% RH (non condensing)
Storage temperature:	-25 ... 70 °C
Power supply:	9V battery, type IEC 6F22 (included)
Current consumption:	max. 0.1 mA
Used battery indicator	automatically if battery used: "BAT"
Battery service time:	approx. 6000 operating hours with alkaline battery
Auto-off-function:	selectable, 1 ... 120 min or continuous operation
Min / max value memory:	Lowest and highest values are saved.
Housing:	impact-resistant ABS housing, approx. 106 x 67 x 30 mm (H x W x T); additionally the sensor head at the "length" side, 35 mm long, \varnothing 14 mm; resulting total length 141 mm
Weight:	approx. 135 g incl. battery
Scope of supply:	device, operation manual, battery

Low cost hay temperature measuring probe



Typ electronic 0120

We offer a economic measure to avoid damage caused by the self-heating due biological processes in stored hay, straw, etc, which may heat up the stored goods up to self ignition.

- fibre glass measuring rod
- one measuring point at the tip
- economical

Specification

Measuring range:	-20.0 ... +120.0 °C
Resolution:	0.1 °C
Accuracy:	± 2 °C (at nominal temperature)
Probe connection:	approx. 3m long connection cable with cinch plug ans connection adaptor GAD-1 Cinch
Measuring rod:	fibre glass probe, approx. 4 m long, approx. 10 mm \varnothing , 1 measuring point in the probe tip
Cutter tip:	double-edged screw-type tip with integrated temperature sensor
Display:	3 1/2 -digit, 13mm high LCD-display, display illumination by keypress
Nominal temperature:	25 °C
Working temperature:	0 to 50 °C
Relative humidity:	0 ... 95 %RH (non condensing)
Storage temperature:	-10 to 60 °C
Power supply:	separate supply for measuring electronics and illumination measuring electronics: 9 V battery, type IEC 6F22 (1 pcs.) illumination: mignon / LR 06 / AA 1,5V (2 pcs.)
Battery life:	meas. electronics approx. 200 hours of operation illumination: approx. 50 - 100 hours of operation (depending on battery type)
Dimensions, weight (device):	approx. 160 x 90 x 45 mm, approx. 480g
Scope of supply:	device, hay temperature probe 4m, measuring spike, plastic case, batteries, manual

Spare elements:

- Fibre glass probe, 4m**
- Cutter tip** with integrated temperature sensor
- Measuring device** incl. connection cable
- GKK 3600** case with foam lining
- GAD 1 CINCH**
connection adaptor for cable to measuring rod