Handheld instrument

Display / Controller

Logger / EASYBus

Transmitter

Temperature probe

Alarm / Protection

Precision room thermometer

hay temperature measuring probe

Hay and straw moisture measuring devices look at BaleCheck on page 30!

GTH 200 air
Precision room thermometer

General:

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:	-25.0 ... 70.0 °C
Resolution:	0.1 °C
Accuracy:	(±1 digit) (at nominal temperature) ± 0.5 % of meas. value ±0.1 °C
Sensor:	Pt 1000, 1/3 DIN class B
Response time:	T_{90} = approx. 5 s
Display:	3½ 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:	9 V 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-funktion:	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 D); additionally the sensor head at the "length" side, 35 mm long, Ø 14 mm, resulting total length 141 mm
Weight:	approx. 135 g incl. battery
Scope of supply:	device, operation manual, battery

Electronic 0120
hay temperature measuring probe

General:

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

Specifications:	
Measuring range:	-20.0 ... +120.0 °C
Resolution:	0.1 °C
Accuracy:	± 2 °C (at nominal temperature)
Probe connection:	approx. 3 m long connection cable with cinch plug and connection adaptor GAD-1 Cinch
Measuring rod:	fibre glass probe, approx. 4 m long, approx. 10 mm Ø, 1 measuring point in the probe tip
Cutter tip:	double-edged screw-type tip with integrated temperature sensor
Display:	3½-digit, 13 mm high LCD-display, display illumination by keypress
Nominal temperature:	25 °C
Working temperature:	0 ... 50 °C
Relative humidity:	0 ... 95 % RH (non condensing)
Storage temperature:	-10 ... 60 °C
Power supply:	separate supply for measuring electronics and illumination
measuring electronics:	9 V battery, type IEC 6F22 (1 piece)
illumination:	mignon / LR 06 / AA 1,5 V (2 pieces)
Battery life:	
measuring 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. 480 g
Scope of supply:	device, hay temperature probe 4 m, measuring spike, plastic case, batteries, operation manual

Accessories and spare parts:

fiber glass tube
4 m, without sensor and without tip

Cutter tip
with integrated temperature sensor

Measuring device
incl. connection cable

GKK 3600
case with foam lining

GAD 1 CINCH
connection adapter for cable to measuring rod