Handheld instrument

Display / Controller

Logger / EASYBus

Transmitter

Temperature probe

Alarm / Protection

Precision room thermometer

AUTO OFF

BAT

MIN MAX

COMFORTABLE

HANDLING WITH ONLY ONE HAND

GTH 200 air
Precision room thermometer

Features:
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.

Application:
The room thermometer GTH 200 air is an essential tool for fast and precise temperature measurements in
• calibration rooms
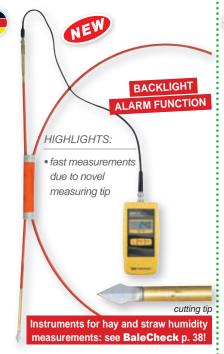• production / computer rooms
• living space
• laboratories, etc.

Specifications:

Measuring range:	-25.0 ... 70.0 °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:	4½ digit, 11 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
Current consumption:	max. 0.1 mA
Battery service time:	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, Ø 14 mm, resulting total length 141 mm
Weight:	approx. 135 g incl. battery
Scope of supply:	device, battery, manual

Hay thermometer

NEW

BACKLIGHT
ALARM FUNCTION

HIGHLIGHTS:
• fast measurements due to novel measuring tip

cutting tip

Instruments for hay and straw humidity measurements: see BaleCheck p. 38!

HayTemp 285
Hay thermometer

Features:
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 p. 12
Probe connection:	BNC, Pt1000, 2-wire
Measuring rod:	Fiberglass probe, approx. 4 m long, approx. 10 mm Ø, 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
Alarm thermometer with BNC socket

Fiberglass rod
4 m, without probe and without tip

Probe tip
with integrated temperature sensor

GAM 3000
Switching module for devices of GMH3xxx series with alarm output

ST-R1-US
Device protection bag with cut-outs for sensor connector and strap

GKK 3600
Case with foam lining

Soil thermometer

NEW

BACKLIGHT
ALARM FUNCTION

SoilTemp 285
Soil thermometer

Features:
The universal display device combined with an extremely robust, but yet ergonomic T-handle probe made of stainless steel allows for multiple measurements in soils or bulk materials.

Application:
Silo checking, measurements in soils, waste dumps, silages, compost, etc. 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 p. 12
Probe connection:	BNC, Pt1000, 2-wire
Measuring range:	-50.0 … +250.0 °C
Measuring rod:	Stainless steel, 1000 mm x Ø 10 mm, 1 m connection cable with BNC plug, 350 g, probe handle designed for comfortable use
Scope of supply:	GMH 285-BNC, GTF 40 T, battery, manual

Accessories and spare parts:

GMH 285-BNC
Alarm thermometer with BNC socket

GTF 40 T
Stainless steel insertion probe, FL 1000 mm, with 1 m cable and BNC plug

GTF 40 T-1500
Stainless steel insertion probe, FL 1500 mm, with 1 m cable and BNC plug

GAM 3000
Switching module for devices of GMH3xxx series with alarm output

ST-R1-US
Device protection bag with cut-outs for sensor connector and strap

GKK 3600
Case with foam lining