

## Precision pocket thermometer with probe



HIGH ACCURACY  
AND PRECISION

GTH 175 PT-T

LIQUIDS  
AIR / GAS

SOFT MEDIA

CORE TEMPERATURE  
Ø 3 MM

CORE TEMPERATURE  
Ø 1.5 MM

NEW

GTH 175 PT-T

GTH 175 PT-E

GTH 175 PT-K

GTH 175 PT-G

**GTH 175 PT-T**

Temperature measuring device incl. universal probe

**GTH 175 PT-E**

Temperature measuring device incl. insertion probe

**GTH 175 PT-K**

Temperature measuring device incl. Teflon insertion probe

**GTH 175 PT-G**

Temperature measuring device incl. mini Teflon probe

**Application:**

Accurate measurements in liquids, as core measuring device (with insertion probe), for air/gas measurements or as reference device for much more expensive measuring systems. Handle and cable of -T and -E are resistant to temperatures up to 100 °C, -K and -G up to 250 °C.

**Options:****- WD**

Probe design: water-proof

Probe as for GTH 175 PT-T and GTH 175 PT-E, but with PVC cable (max. 100 °C) and sealed handle (max. 70 °C).

(Not possible for GTH 175 PT-K and GTH 175 PT-G.)

**Special designs upon request:**

e.g. longer cable or probe tube.

**Accessories and spare parts:****GB 9 V**

Spare battery

**GKK 1100**

Case (340 x 275 x 83 mm) with foam lining

Full set offer: Device incl. calibration certificate and case, see page 6

**Specifications:**

<b>Measuring range:</b>	-199.9 ... +199.9 °C
<b>Resolution:</b>	0.1 °C
<b>Accuracy: (at nominal temperature)</b>	0.1 % of meas. value ±2 digit (at range: -70.0 ... +199.9 °C), Probe and device are calibrated together, resulting in an error of about 0.1 °C ±1 digit in range 0 ... 100 °C.
<b>Probe:</b>	All probes are permanently connected to device.
<b>GTH 175 PT-T</b>	Pt1000, 2-wire, isolated in V4A tube 3 mm Ø and 100 mm long, plastic handle approx. 135 mm long, kink protection and approx. 1 m highly flexible silicone cable
<b>GTH 175 PT-E</b>	Probe (V4A, Ø 3 mm x 100 mm) as above, but additional slim insertion tip for all soft media. Handle and cable are resistant to temperatures up to 100 °C.
<b>GTH 175 PT-K</b>	Probe (V4A, Ø 3 mm x 100 mm) as above, but with Teflon handle and 1 m Teflon cable. Handle and cable are resistant to air temperatures up to 250 °C.
<b>GTH 175 PT-G</b>	Probe (V4A, Ø 1.5 mm x 100 mm) as above, but with Teflon handle and 1 m Teflon cable. Handle and cable are resistant to air temperatures up to 250 °C.
<b>Display:</b>	3½-digit, 13 mm high LCD display
<b>Nominal temperature:</b>	+25 °C
<b>Working temperature:</b>	-30 ... +45 °C
<b>Storage temperature:</b>	-30 ... +70 °C
<b>Power supply:</b>	9 V battery, type IEC 6F22
<b>Battery life time:</b>	approx. 200 operating hours
<b>Battery change indicator:</b>	„BAT“
<b>Dimensions (device):</b>	approx. 106 x 67 x 30 mm (H x W x D). Housing made of impact-resistant ABS
<b>Weight:</b>	approx. 190 g (incl. battery and probe)