# Precision pocket thermometer with Pt1000 probe

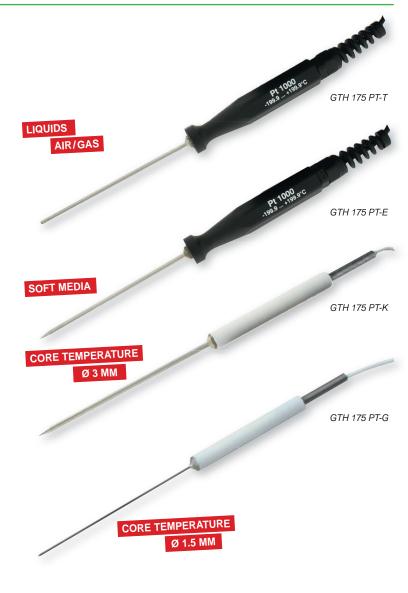




FUNCTIONS:







## **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) or for air/gas measurements. Handle and cable of -T and -E are resistant to temperatures up to 100  $^{\circ}\text{C}$ , -K and -G up to 250  $^{\circ}\text{C}$ .

Specifications:	
Measuring range:	-199.9 +199.9 ℃
Resolution:	0.1 °C
Accuracy: (at nominal temperature)	0.1 % of meas. value $\pm 2$ digit (at range: -70.0 +199.9 °C), Probe and device are calibrated together, resulting in an error of about 0.1 °C $\pm 1$ digit in range 0 100 °C.
Probe:	All probes are permanently connected to device.
GTH 175 PT-T	Pt1000, 2-wire, isolated in V4A tube 3 mm Ø and approx. 100 mm long, plastic handle approx. 135 mm long, kink protection and approx. 1 m highly flexible silicone cable
GTH 175 PT-E	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.
GTH 175 PT-K	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 $^{\circ}$ C.
GTH 175 PT-G	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 $^{\circ}\text{C}.$
Display:	3½-stellige, 13 mm high LCD display
Nominal temperature:	+25 °C
Working temperature:	-30 +45 °C
Storage temperature:	-30 +70 °C
Power supply:	9 V battery (included)

Battery life time:	approx. 200 operating hours
Housing:	Housing made of impact-resistant ABS
Dimensions:	approx. 106 x 67 x 30 mm (H x W x D).
Weight:	approx. 190 g (incl. battery and probe)
Scope of supply:	device incl. probe, battery, manual

#### Options:

#### - WD

Probe design: water-proof

Probe as for GTH 175 PT-T and GTH 175 PT-E, but with PVC cable and sealed handle (max. 100 °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
ST-KR divice protection bag with round cut-out (central)
<b>GKK 1100</b> Case (340 x 275 x 83 mm) with foam lining
Full set offer: Device incl. calibration certificate and case, see page 7