

PRECISION POCKET THERMOMETER WITH PT1000 PROBE



HIGHLIGHTS:

- Easy handling
- High accuracy and precision

GTH 175 PT-T

Art. no. 600051
Temperature measuring device incl. universal probe

GTH 175 PT-E

Art. no. 600052
Temperature measuring device incl. insertion probe

GTH 175 PT-K

Art. no. 600053
Temperature measuring device incl. Teflon insertion probe

GTH 175 PT-G

Art. no. 601836
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 °C, -K and -G up to 250 °C.

Specifications:

Measuring range: -199.9 ... +199.9 °C
Resolution: 0.1 °C
Accuracy (at nominal temperature): 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.

Probes: 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 °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 °C.

Response time T₉₀:	Ø 3 mm: water 0.4 m/s <2 s; Ø 1.5 mm: water 0.4 m/s <1 s
Display:	3½-digit, 13 mm high LCD display
Nominal temperature:	+25 °C
Working temperature:	-30 ... +45 °C
Storage temperature:	-30 ... +70 °C
Power supply:	9 V battery
Battery life:	approx. 200 operating hours
Protection rating:	IP65
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

Variants:

GTH 175 PT-T - WD
Art. no. 600050
GTH 175 PT-E - WD
Art. no. 602307
Probe design: water-proof
Probe 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
Art. no. 601115
Spare battery
ST-KR
Art. no. 601082
Device protection bag with round cut-out (central)
GKK 1100
Art. no. 601060
Case (340 x 275 x 83 mm) with foam lining

COMPLETE SOLUTIONS



GTH 175 PT-T-WPT2
Art. no. 602670
Complete solution incl. immersion probe and ISO certificate of calibration WPT2 A (0 °C / 70 °C) and case GKK 252.

GTH 175 PT-T-WPT3
Art. no. 602673
Complete solution incl. immersion probe and ISO certificate of calibration WPT 3 (-20 / 0 / +70 °C) and case GKK 252.

GTH 175 PT-E-WPT3
Art. no. 602674
Complete solution incl. insertion probe and ISO certificate of calibration WPT 3 (-20 / 0 / +70 °C) and case GKK 252.