

PPL-GMH-1150 & PPL-GMH-1170 Type K Thermometer



PPL-GMH-1150

- High speed, universal application, low cost thermometer
- Battery or mains powered
- 1°C resolution
- Accepts all thermocouples with mini flat pin plug.

PPL-GMH-1170

- Improved 0.1°C resolution
- Up to 0.05% accuracy
- Offset function for improved accuracy
- Up to 2000 hours battery life
- Max., Min. and Hold functions



PPL-GMH-1150 Specification:

Measuring range: -50 ... +1150 °C

Resolution: 1°C

Accuracy: (at nominal temperature)
 better 1% ± 1 digit (from -20 to +550 and 920 to 1150°C).
 From 550 to 920°C better 1,5% ±1digit.
 From -20 to -50°C according to attached correction table.

Probe connection: miniature flat-pin plug (free of thermo-voltage) suitable for all NiCr-Ni (type K) probes. Probe is not included. Optimum probe to be ordered separately depending on desired application!

Display: 3½ digit LCD, approx. 13mm high

Nominal temperature: 25 °C

Working temperature: 0 to 45 °C

Storage temperature: -20 to +70 °C

Power supply: 9V battery type PP3 (included).

Power consumption: approx. 0.4 mA

Battery service life: approx. 700 operating h

Low battery warning: „BAT“

Dimensions: approx. 106 x 67 x 30 mm (H x W x D).
 impact resistant ABS plastic housing.

Weight: approx. 150 g (incl. battery)

Accessories:

PPL-GKK 252 case
 (235 x 185 x 48 mm) with foam lining

PPL-GKK 1100 case
 (340 x 275 x 83 mm) with foam lining

PPL-ST-1150 device protection bag
 with cut-out for probe connection, suitable for GTH1150

PPL-GMH-1170 Specification:

Measuring range:
 -65,0 ... +199,9°C or -65 ... +1150°C
 (-85,0 ... +199,9°F or -85 ... +1999°F)

Resolution: 0,1°C or 1°C (0,1°F or 1°F)

Accuracy: ±1 digit (at nominal temperature = 25°C)
 -65.0...199.9°C: ±0.05% of m.v. ±0.2% FS
 -65 ... 1150°C: ±0.1% of m.v. ±0.2% FS

Temperature drift: 0,01%/K

Point of comparison: ±0,3°C

Probe connection: miniature flat-pin plug suitable for all type K probes.

Offset and Scale: digital offset and scale adjustment for precision.

Display: 3½ digit LCD, approx. 13mm high

Working temperature: -25 to +50 °C

Storage temperature: -25 to +70 °C

Power supply: 9V battery type PP3 (incl).

Measuring interval: approx. 3 meas. / sec.

Power consumption: approx. 0.15 mA

Battery service life: approx. 2000 operating hours

Low battery warning: „BAT“

Auto-Off-function: selectable from 1 to 120 min. or deactivated

Min./Max. value memory: Memorizing of max. and min. values.

Hold function: By pressing a button the current values will be memorized.

Dimensions: approx. 142 x 71 x 26 mm (H x W x D). impact resistant ABS plastic case, front side IP65, integrated pop-up clip for table top or suspended use.

Weight: approx. 145 g (incl. battery)