

## WATERPROOF THERMOMETER PT-105

Pocket size thermometer enables temperature measurements with use of probes with or without cable. Depending on the requirements it is possible to choose from two kinds of probes with higher or lower accuracy.

### Characteristic features:

- Switching the probes doesn't require calibration – the probe's electronic calibration data is stored in the head.
- The probes are made of **OH18N9** stainless steel pipe, 3 mm in diameter.
- The end of the probe may be flat or sharp.
- The sharp-ended probes may be additionally equipped with a special handle for beating into harder substances.
- Probes are equipped with silicon cables or silicon with steel plating cables.
- Standard handle made of polyamide with 45 mm length and temperature resistance up to 200 °C.
- Fully waterproof housing (IP-67) prevents the meter from flooding.
- Auto off function protects the batteries against discharging.
- Battery powered (3 x LR44).
- Warranty: 24 months.
- Its possible to order probes with different length of the pipe.



## Technical Data

<b>Measuring range depends on kind of probe</b>	Probe without cable (3 cm pipe) -70 ÷ 150.0 °C Probe without cable (8 cm pipe) -70 ÷ 200.0 °C Probe with cable -70 ÷ 400.0 °C		
<b>Resolution</b>	In range -70 ÷ 199.9 °C: 0.1 °C, above 199.9 °C: 1.0 °C		
<b>Accuracy *</b>	<b>Range</b>	<b>Pt-1000B</b>	<b>Pt-1000S</b>
	-70 ÷ 0 °C	±0.9 °C	±0.9 °C
	0 ÷ 100 °C	±1.0 °C	<b>±0.3 °C</b>
	100 ÷ 200 °C	±1.5 °C	±1.5 °C
	200 ÷ 400 °C	±3.0 °C	±3.0 °C
<b>Weight / Dimensions</b>	60 g / L = 160 mm , φ 26 mm		
<b>Power</b>	Batteries 3 x 1.5V (LR44)		

\* Recommended standard probes with a Pt-1000B or accurate probes with a Pt-1000S resistor.

## Types of heads with the temperature probes

<b>GT-105-3</b>	standard with a Pt-1000B probe, 3 cm pipe, without cable
<b>GT-105s-3</b>	accurate with a Pt-1000S probe , 3 cm pipe, without cable
<b>GT-105-8</b>	standard with a Pt-1000B probe, 8 cm pipe with a sharp end, without cable
<b>GT-105s-8</b>	accurate with a Pt-1000S probe, 8 cm pipe with a sharp end, without cable
<b>GT105-12</b>	standard with a Pt-1000B probe, 12 cm pipe, without cable
<b>GT105s-12</b>	accurate, with a Pt-1000S probe, 12 cm pipe, without cable
<b>GT105k-12</b>	standard with a Pt-1000B probe, 12 cm pipe, 1 m silicone cable
<b>GT105sk-12</b>	accurate with a Pt-1000S probe, 12 cm pipe, 1 m silicone cable
<b>GT105o-12</b>	standard with a Pt-1000B probe, 12 cm pipe, 1 m silicone cable in steel plaiting
<b>GT105so-12</b>	accurate with a Pt-1000S probe, 12 cm pipe, 1 m silicone cable in steel plaiting
<b>GT105r-8</b>	standard with a Pt-1000B probe, 1 m cable, 8 cm pipe with a sharp end <b>T</b> handle
<b>GT105sr-8</b>	accurate with a Pt-1000S probe, 1 m cable, 8 cm pipe with a sharp end, <b>T</b> handle
<b>GT105or-8</b>	standard, 8 cm pipe with a sharp end, 1 m cable in steel plaiting, <b>T</b> handle
<b>GT105sor-8</b>	accurate, 8 cm pipe with a sharp end, 1 m cable, steel plaiting, <b>T</b> handle

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