



11-50075



11-30507

## Accurate handheld indicator for thermocouple type T

### Model 11-30507

**Therma 1T** is a handheld indicator for thermocouple sensors type T. Therma 1T is equipped with a very good cold junction compensation. See Specification. Sensors are to be ordered separately and several models are available.

Upon request indicator and selected sensors can be calibrated together. A calibration certificate will be certified by Pentronic's accredited calibration laboratory. Favourable prices for the calibration temperatures 0 °C and 100 °C.

<b>Specification <i>Therma 1T</i></b>	
Input	Thermocouple type T with miniature connector
Measuring range	-100 to +400°C. NB! Sensor design can limit measurement range further.
Accuracy at 23 °C	±0.2 °C ±0.1% of reading
Resolution	0.1 °C to 300 °C, thereafter 1 °C
Deviation in reference junction	±0.02 °C/°C
Sampling rate	2 times per second
Ambient operational temperature	-20 to 50 °C
Power supply	3 x 1.5 V AAA-batteries
Operating time at 25 °C	> 10 000 hours
Automatic shut off	After 10 minutes of operation, can be inhibited
Functions	Hold of read out temperature
Display	12 mm LCD
Dimensions	128 x 56 x 25 mm
Weight	130 g
<b>Ordering</b>	<b>Part number</b>
Therma 1T, indicator with soft case (dimensions 300x110x40), excluding sensor probe	11-30507
Protective silicone rubber cover	11-50075

**Sensors**, see: [www.pentronic.se](http://www.pentronic.se) > Home > Thermocouples > Handheld TC