



11-50075

Temperature indicator for thermocouple type K

Model 11-30506

Therma Elite is a handheld indicator for thermocouple sensors type K, and has max, min and hold functions as well as back-lit display. Therma 1 is equipped with a very good cold junction compensation. See Specification. Sensors are to be ordered separately and several models are available.



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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.

Specification Therma Elite	
Input	Thermocouple type K with miniature connector
Measuring range	-100 to +1370 °C. NB! Sensor design can limit measurement range further.
Accuracy at 23 °C	±0.4 °C ±0.1% of reading
Resolution	0.1 °C to 300 °C, thereafter 1 °C
Zero adjustment	±2.0 °C in steps of 0.1 °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, min, max of read out temperature
Display	12 mm LCD, backlight to be chosen
Dimensions	128 x 56 x 25 mm
Weight	130 g
Ordering	Part number
Therma Elite indicator with soft case (dimensions 300x110x40), excluding sensor probe	11-30506
Protective silicon rubber cover	11-50075

Sensors, see: www.pentronic.se > Thermocouples > Handheld TC