



Handheld indicator MicroTherma 1

MicroTherma 1 is a handheld indicator for seven different thermocouple types. See Measuring ranges below. Upon request the indicator can be system calibrated with a probe attached at Pentronic's accredited calibration laboratory (Swedac 0076).

Resolution

0,1 °C in entire range.

Deviation at reference junction

±0.02 °C/°C

Ambient temperature

0 – 50 °C

Signal connection

Miniature connector as per EN 50212:1996

Dimensions

35 x 73 x 141 mm

Display

12.7 mm LCD, adjustable contrast.

Weight

220 g

Battery

2 x MN2400 (AAA), Up to 1000 hours.

Features

Max-, min- and hold functions.
Selectable automatic shut off (after 30 min).
Display of reference junction temperature.
Offset adjustment ±2.5 °C.

Note

The specification is valid for the indicator without sensors.

Measuring range

Thermocouple	E	J	K	N	R/S	T
Range (°C)	-140/1000	-200/1200	-200/1370	-20/1300	-140/1770	-270/400
Accuracy (°C)	±0,2 ±1 digit	±0,2 ±1 digit	±0,2 ±1 digit	±0,2 ±1 digit	±0,2 ±1 digit	±0,2 ±1 digit

Ordering

Article no	Specification
11-10500	MicroTherma 1. Delivered in soft case (50 x 100 x 300 mm) with space for probes
11-50060	Rubber boot