



## Simulator and indicator - Microcal 1 Plus

Microcal 1 Plus can measure as well as simulate temperature signals for seven different thermocouple types. As simulator it replaces the thermocouple when checking entire measurement channels or separate indicators.

Upon request the indicator will be system calibrated with its probe attached. A calibration certificate issued by Pentronic's accredited calibration laboratory (Swedac 0076) completes the delivery.

### Specification Microcal 1 Plus

Input and output	Thermocouple type E, J, K, N, R, S, T
Measuring range	As per IEC 60584 for corresponding TC-type
Resolution	0,1 °C, all ranges
Accuracy at 23 °C	±0,3 °C all ranges
Ambient temperature	0 -50 °C
Deviation at reference junction	0,02° C/°C
Signal connections	Miniature connectors as per EN 50212:1996
Dimensions	35 x 73 x 141 mm
Display	10 mm LCD, adjustable contrast.
Weight	220 g
Battery, battery life	2 x MN2400 (AAA), 300 hours.
Miscellaneous functions	Automatic shut off Inner/outer cool junction compensation

### Ordering

Microcal 1 Plus. Including soft sheath case (50 x 100 x 300 mm) with space for probes, and 1 m cable, see picture.

### Article number

11-11005

### Suitable accessories

Selektor SH/6 for 6 channels	11-30505
Rubber boot	11-50060
Small case (270 x 210 x 50 mm)	11-50010
Large case (350 x 260 x 75 mm)	11-50020
Accredited calibration, 0 °C and 100 °C with sensor	11-00100