

MicroCal 1 Thermocouple Simulator (Types K, J, T, R, N, S, E)

XE-3981-001

The MicroCal 1 thermocouple simulator helps ensure that the frequent checking of thermometer accuracies is a routine operation. The calibrator is designed to simulate a chosen temperature to test thermocouple type K, J, T, R, N, S and E thermometers without the need for specialised equipment or conversion tables. The MicroCal 1 Plus calibrator also measures and simulates temperature.

The MicroCal 1 features a custom 10mm LCD display with alpha-numeric display line to prompt the user when changing parameters. Selectable parameters include: °C/°F, auto power off - enable/disable, CJC - internal/external and display contrast adjustment.

Each MicroCal is supplied with a one metre PVC type K thermocouple lead with miniature connectors and a five point UKAS Certificate of Calibration which indicates deviations from standards at the various points.

Thermocouple type K - range -200 to 1372°C
Thermocouple type J - range -200 to 1200°C
Thermocouple type T - range -270 to 400°C
Thermocouple type R - range 0 to 1768°C
Thermocouple type N - range -200 to 1300°C
Thermocouple type S - range 0 to 768°C
Thermocouple type E - range -140 to 1000°C

All thermocouple types are based on BS EN 60584-2:1993



- 12 adjustable temperature points
- Allows frequent checking of thermometer accuracies
- Tests thermocouple type K, J, T, R, N, S & E thermometers
- Microcal 1 plus also measures temperature as well as simulates
- Probe in images not included, please pick from the wide Labfacility range of probes to suit this product