

# MicroCal 2 & 3

## thermocouple simulators

- ✓ choice of four models
- ✓ dedicated K or T thermocouple
- ✓ 12 or 23 fixed temperature points
- ✓ adjustable or preset temperature points
- ✓ easy to read digital display
- ✓ tests thermometers



order code	model
271-200	MicroCal 2 type K
271-202	MicroCal 2 type T
271-210	MicroCal 3 type K
271-212	MicroCal 3 type T
optional accessories	
832-115	wall bracket
830-205	protective PVC boot

The MicroCal 2 and 3 thermocouple simulators help ensure that the frequent checking of thermometer accuracies is a routine operation. Both instruments are designed to simulate a chosen temperature, allowing standard K or T thermocouple thermometers to be tested or recalibrated simply and quickly, without the need for additional specialised equipment or conversion tables. Both models feature 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.

The MicroCal 2 has 12 preset temperatures for type K thermocouple -20, -10, 0, +10, +30, +50, +100, +195, +250, +500, +800 and +1000°C, any of these temperatures can be modified and saved by the user. The factory default temperatures can be recalled at any time.


The MicroCal 3 has 23 fixed temperature points for type K thermocouple -100, -50, -20, -10, 0, +10, +20, +30, +40, +50, +60, +80, +100, +150, +195, +250, +300, +400, +500, +600, +800, +1000 and +1200°C.

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

specification	MicroCal 2	MicroCal 3
range	12 adjustable presets	23 fixed temperatures
accuracy	±0.3°C	±0.5°C
sensor type	dedicated K or T thermocouple	
ambient temperature range	0 to +50°C	
CJC type	PT100	
battery	2 x MN2400 (AAA)	
battery life	300 hours	
display	12.7mm LCD	
case dimensions	141 x 73 x 35mm (h x w x d)	
case material	black ABS plastic	
weight	220 grams	

### warranty & guarantee

The above instruments carry a two-year warranty and guarantee against defects in components or workmanship. During this period, products that prove to be defective will, at the discretion of ETI, be either repaired or replaced without charge. In line with our policy of continuous development, we reserve the right to amend our product specification without prior notice.

 These instruments comply with the EMC Directives  
EN 50081-1 : 1992, EN 50082-1: 1992



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