

High Precision Thermocouple Calibration Simulators / Checkers

A selection of High Precision Thermocouple and RTD Calibration Simulators / Checkers. Thermocouple simulator/checkers help ensure that the frequent checking of thermometer accuracies is a routine operation. Includes the CAL-Check range, MicroCal and Calog.

°Cal-check Precision Thermocouple Calibration Simulators / Checkers

Various XE Numbers



The TCS50 °Cal-check is a unique, novel concept for rapid, simple and convenient in-house calibration checking of thermocouple instrumentation, eliminating the need to send it away for laboratory calibration.



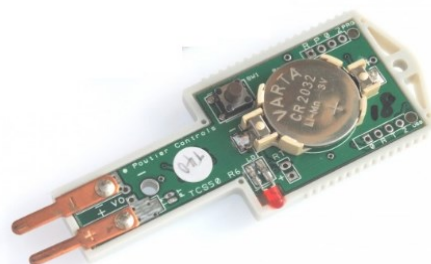
The compact, low cost device, terminated with miniature, male thermocouple pins is simply plugged into the input port of the instrument. Comparison of the displayed reading is compared with the value stated on the °Cal-check label to indicate the accuracy of the test instrument.

Cold Chain / Catering / Baking & Cooking / General Industrial

Thermocouple type	K or T to IEC584
Accuracy	+/-0.25°C at 23°C ambient temperature
Temperature coefficient	18-28°C ambient temperature, better than +/-0.5°C 0-50°C ambient temperature, +/-0.5 °C
Resolution	0.1°C

Spare Battery x 2 for °Cal-check

XE-3965-001



2 x Spare Batteries for all Cal-Check products



MicroCal 1 Plus Simulator Thermometer

XE-3982-001



The MicroCal 1 Plus thermocouple simulator and thermometer 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 both measures and simulates temperature.

The simulator 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.

Temperature Points	12 adjustable presets
Accuracy	±0.3°C (dependent on thermocouple type)
Sensor Type	thermocouple type K, J, T, R, N, S & E - selectable
Battery Life	300 hours

MicroCal 1 Thermocouple Simulator

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 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.

Temperature Points	12 adjustable presets
Accuracy	±0.3°C (dependent on thermocouple type)
Sensor Type	thermocouple type K, J, T, R, N, S & E - selectable
Battery Life	300 hours

Multi-Function Temperature Calibrator

XE-6080-001



The Calog TEMP Calibrator is ideal for testing, measuring and calibration of all Thermocouple and RTD based systems. In addition it contains functions to install and maintain all powered and non-powered milliamp loops.

The Calog TEMP is a high precision, multi-functional, hand-held calibrator suitable for the process control industry. Its speciality is Thermocouple (TC) and Resistance Temperature Detector (RTD) based instruments which it can measure and source.

Input **K, J, T, B, R, S, E, N, U and L**

Datalogging facility via SD card which is downloadable using the USB port / Measure, source or simulate 0 to 24 mA, -10 to 100 mV, 0 to 400.00 Ω and 0 to 2200.0 Ω / Pt50, Pt100, Pt200, Pt500, Pt1000, Ni100 and Ni120 type RTD sensors / Trend logging feature with programmable time base / Continuity test function