

# Alternative methods of operating an **Industrial Laboratory**

## ■ A Basic Dry Block Calibrator

The thermometer under test is compared to the dry block controller value.  
Useful for moderate temperature ranges and quick testing.

Thermometer  
under test



ITS-90 Reference

Add an ITS-90 fixed point to gain accuracies of up to 0.001°C

## ■ An ISO 9000 Calibration System

A thermometer under test is compared to a calibrated standard, for true traceability and clearly meets the requirements of ISO9000

Thermometer  
under test

Calibrated  
Standard



Surface Sensor  
compared to standard

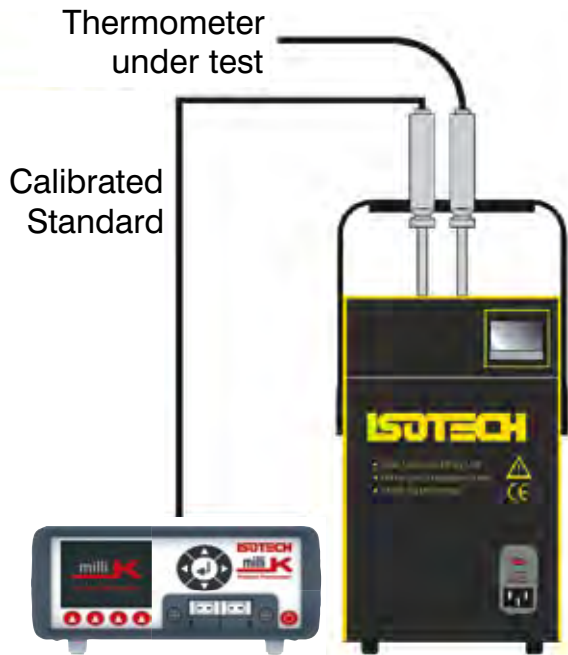


Blackbody Sources  
compared to standard



### ■ Using an External Indicator

Similar to the previous configuration but an external indicator TTI is used - one TTI can be used with many calibration baths - the bath or baths do not need a calibration certificate, but they need an evaluation report.



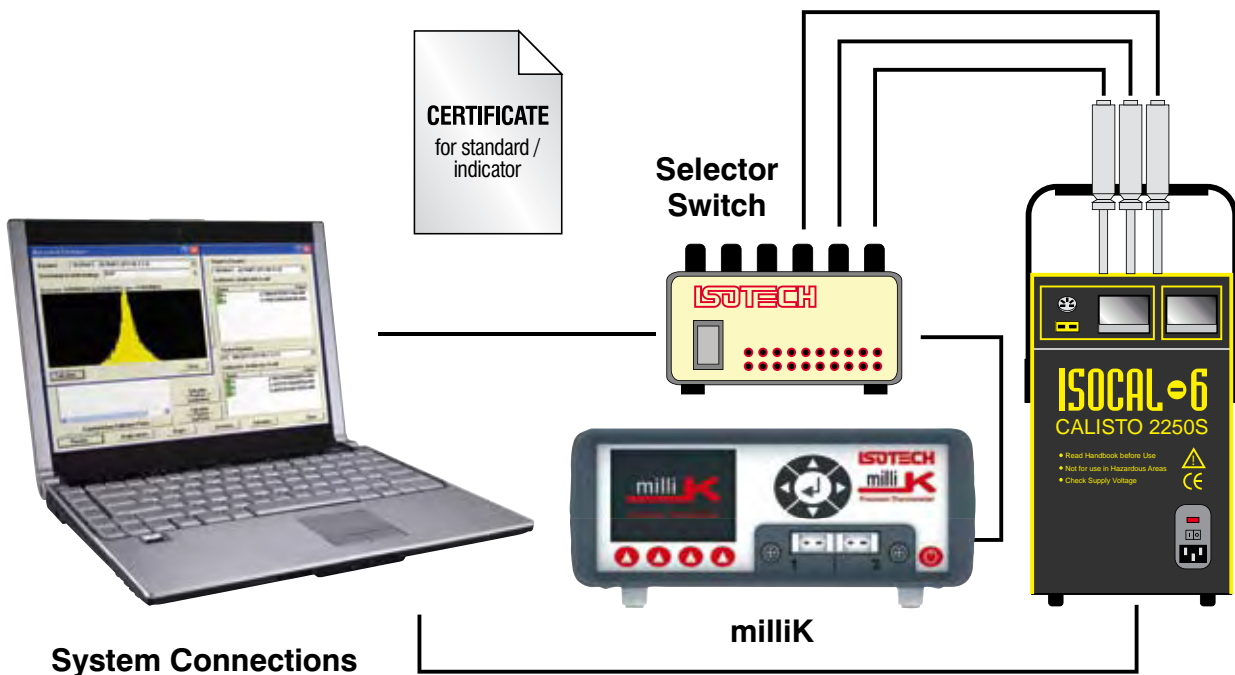
Here the B model is shown

Alternatively the S model may be used with the indicator free for use with a unit under test.



### ■ An example of Multiple Sensor Calibration

You can add the TTI and Selector Switch for multi-probe calibration - and add I-cal software for affordable automatic calibration systems.



■ Many of the products can be used as a **Dry Block Calibrator** or as a **Liquid Bath**