

Integrity in Temperature Calibration

Isotech supply temperature calibration equipment with larger blocks, wider temperature ranges (from -200°C to 1600°C) and to suit all accuracy levels. Many National Laboratories rely upon Isotech Primary Temperature Standards.

Whatever your calibration requirements contact Isotech for advice.

contactus

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If you require any of our databooks please tick the relevant box below or visit our website at www.isotech.co.uk



databook **one**
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ITS-90



databook **two**
Secondary
Laboratory
Equipment



databook **three**
Industrial
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Equipment



databook **four**
Blackbody and
Thermocouple
Referencing



databook **five**
Calibration
Services and
Information



FAX +44 (0) 1704 544799

NAME

POSITION

COMPANY

ADDRESS

TELEPHONE NUMBER

POSTCODE

FACSIMILE NUMBER

EMAIL

SIMPLE TO USE
35°C to 650°C
PORTABLE



ISOTECH

www.isotech.co.uk

S-CAL

The affordable temperature Calibrator from Isothermal Technology.

Isotech is recognised as a world leader in the field of temperature calibration. S-CAL has been designed for simple, fast, cost effective checking and calibrating of thermocouples and other temperature sensors.

Isotech calibration equipment is used in National Laboratories, Accredited labs and high end industrial calibration applications all around the world. S-CAL has been engineered to bring the benefits of Isotech into a new low price and simple to use calibrator.

Why Calibrate with S-CAL?

Checking the whole loop using a heat source ensures that both the sensor and instrument are verified. Using a simulator only checks the instrument.

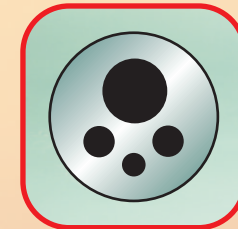
- Ensure Traceable Calibration.
- Gain Confidence in Measurements.
- Meet Regulatory Requirements.
- Improve Efficiency.
- Reduce Pollution.

Typical Applications:

- Ship Engine Rooms.
- Exhaust Testing.
- On Site Testing.
- Automotive Applications.

S-CAL

Temperature Range	35°C to 650°C
Stability	< ± 0.2°C
Resolution	0.1 °C
Accuracy	± 1.2°C + 0.12% FS
Heating Time	50 - 600°C in 20 minutes
Cooling Time	600 - 400°C in 10 minutes 400 - 300°C in 10 minutes 300 - 100°C in 40 minutes
Power	750W
Supply	230 VAC or 115 VAC 50 / 60 Hz
Dimensions	Height 248 mm Width 228 mm Depth 143 mm
Weight	5.4 kg
Calibration Volume	Fixed Block, 4 Pockets Ø4.5, Ø6.5, Ø6.5, Ø13.5 All pockets 140mm deep



Calibration Pockets

Ø13.50mm
Ø6.50mm
Ø6.50mm
Ø4.50mm
All 140mm deep



- Fan assisted cooling
- Resolution 0.1°C
- Optional padded shoulder case



100% Tested over
Full Range.
Traceable Calibration
Certificate Included.



Rugged
Product



Light
Weight



Portable
Unit



Easy
to Use



Cost
Effective



Fast
Response

How to use: as easy as one, two, three...

- 1 Place the sensor or sensors in one of S-CALs four pockets, no oil or grease is required.
- 2 Set the temperature to the desired value using the UP key to raise, and the DOWN key to lower the temperature
- 3 Wait for the digital display to show it has reached the set temperature. Compare the sensor output to the controller display