

# Calibrate with Confidence with the NEW Tecal 1200S High Temperature Portable Calibration Furnace

When precise temperature control is essential for optimum performance you can count on Techne thermal solutions.

## Key Features

- Very economically priced
- Wide temperature range
- Simple to use
- Multi-hole insert block for accurate comparison calibration
- Rapid heating rates
- Software available
- Rugged case with carry handle



The Tecal 1200S Block calibrator utilises a special heater design for optimum temperature uniformity and rapid heating rates. The isothermal block assembly is machined from a special Incolloy alloy giving excellent thermal conductivity and also resists high-temperature oxidation. This block is designed to optimize performance between sufficient mass for good stability/uniformity and to have a low enough mass to have rapid heating/cooling rates and stabilization periods. The standard fixed block has 4 extra deep immersion test holes accepting Ø8mm probes x 110mm deep for use with a reference probe typically an R or S type thermocouple or an SPRT.

## Specifications

Minimum temperature	150°C
Maximum temperature	1200°C
Display accuracy	±3°C
Temperature uniformity	±0.2°C
Temperature stability	±0.2°C (at 1200°C after 20 mins)
Display resolution	0.1° to 999.9 then 1° to 1200°C Selectable °C or °F
Heating rate, 100°C to 1200°C	20 minutes
Cooling rate, 1200°C to 200°C	140 minutes
Large insert size	Ø34mm x 155 mm with 4 off bores Ø8mm x 110 depth
Fan cooling	Automatic
Dimensions HxWxD	350 x 200 x 300mm
Weight	10kg

## Options

- RS-232 interface plus software and cable
- Carry case soft
- Carry case hard
- UKAS calibration certificate
- Custom inserts available



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



**UK Office**

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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.