



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



Barloworld Scientific

Barloworld Scientific Ltd

Beacon Road, Stone, Staffordshire ST15 0SA

Tel: +44 (0) 1785 812121 Fax: +44 (0) 1785 813748 www.techne.com