

Portable Thermocouple Calibration Furnace PTC 12/20

The Portable Thermocouple calibrator is a high stability heat source designed for the calibration of thermocouples up to Ø7.5 mm, with a maximum operating temperature of 1200°C.

Thermocouples are inserted into the worktube through an insulation plug and can be compared with the temperature indicator.

It is portable and self contained, with built in PID microprocessor controller and separate digital temperature indicator giving 1°C resolution.

The special worktube design results in a much higher temperature uniformity than is normally associated with a furnace of this size.

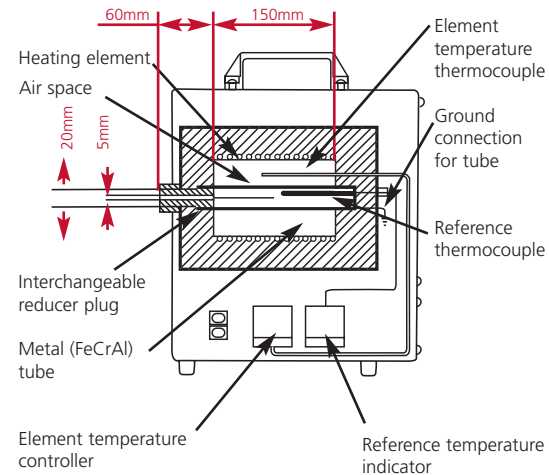
The metallic work tube is earthed for operator safety when used with metal sheathed mineral insulated thermocouples.

The PTC 12/20 can be used in a laboratory or in site as its rapid heat up and stabilisation make it ideal for quick set up.



PTC 12/20

1200°C Portable Thermocouple Calibration Furnace Model	PTC 12/20
Max. Temperature (°C)	1200
Continuous Temperature (°C)	1150
Temperature Range (°C)	400 - 1200
Stability	Better than +1°C
Overall Dimensions:	
H (mm)	399
W (mm)	310
D (mm)	225
Heated Length (mm)	150
Controller	Eurotherm 2132
Indicator	Eurotherm 2132
Heating Rate	20 mins (to 1150°C)
Cavity Diameter (mm)	20
Weight (kg)	8.8
Furnace Voltage	120/240 externally selectable
Max .Power (W)	1100
Thermocouple type	N



A Carbolite calibration certificate stating temperature error between work space temperature and indicated temperature, at 700°C, 900°C & 1100°C is provided as standard.

A NAMAS traceable calibration certificate is available for customer specified set points (as an optional extra). Price on Application.

A NAMAS traceable thermocouple is available and can be used for the customer to calibrate the unit at specified time intervals.

- 1) Holding power is measured at 100°C below max. temperature, based on 240V supply, with an empty chamber.
- 2) Uniformity graphs are available on request.
- 3) Heat up time is measured at 100°C below max. temperature with an empty chamber.



Thank you for reading this data sheet.

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



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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.