

Metal Block Calibrator

The B700 allows you to accurately calibrate RTDs and other thermometers easily and conveniently.

Its large capacity saves you time by holding up to 12 thermometers at once.

Using ASL's proven removable insert technology the B700 accepts a variety of temperature probe diameters and guarantees repeatable calibration performance to enable you to comply with your ISO9000 requirements.

All B700s are tested over their full temperature range before dispatch and are supplied with a stability test certificate.



SPECIFICATION

Operating temperature range	50°C to +700°C (+122°F to +1092°F).
Stability	<±0.05°C (<±0.09°F).
Accuracy	See calibration accuracy.
Uniformity	<u>Insert:</u> <0.03°C (<0.054°F) typical; <u>Block:</u> <0.1°C (<0.18°F) typical.
Heating/Cooling time	Ambient to 700°C: 45 mins.(typ)/700°C to ambient: 30 mins.(typ) <i>using B-COOL.</i>
Setpoint	in °C or °F with a resolution of 0.1°C/°F or 1°C/°F.
Independent Indicator (optional)	<u>Accuracy:</u> <±0.1°C; <u>Resolution:</u> 0.02°C.
Block holes	4 off ø18 x 155mm (to accept inserts), 4 off ø6.35 x 155mm.
Probe insert holes	ø3.5mm minimum to ø14mm maximum , up to 4 holes maximum, with depth up to 150mm <i>(not supplied, see insert data sheet).</i>
Operating conditions	15°C to 25°C for full accuracy, 0°C to 50°C maximum.
Power requirements	240,220,120,100VAC, (+10%/-15%) selectable on rear panel. 550VA max.
Dimensions/weight	305mm (W) x 325 (H) x 165mm (D), 9 kg.

+50°C to +700°C

APPLICATIONS

Site calibrations for:

- RTDs, thermocouples and thermistors
- Glass thermometers
- Bimetallic switches
- Dial indicators (gas)

ORDER CODES

Note: Inserts must be ordered separately. See Insert data sheet.

