

## BC2001 Block Calibrator

The BC2001 Block Calibrator is designed to check the accuracy of sensors and thermometers. Its hand-held size means true portability, even to the tightest corner of your plant. It's simple and convenient to use and even at 350°C its stainless steel case is cool enough to hold in your hand. Because the BC2001's aluminium block is fan assisted it heats, cools and stabilises in minutes - much quicker than many larger block calibrators. The BC2001's low cost, high accuracy and hole-to-hole uniformity of better than  $\pm 1^{\circ}\text{C}^*$  make it ideal for use as part of your quality and traceability regime in the factory or the laboratory.



### Specifications

<b>Range:-</b>	35°C to 350°C	(95°F to 662°F)
<b>Accuracy:-</b>	35°C to 100°C	$\pm 0.5^{\circ}\text{C}$ (95°F to 212°F $\pm 0.9^{\circ}\text{F}$ )
	101°C to 350°C	$\pm 0.85^{\circ}\text{C}$ (213°F to 662°F $\pm 1.53^{\circ}\text{F}$ )

### **Radial Uniformity (Hole-to-hole Uniformity):**

<b>Block 1:-</b>	35°C to 150°C	$\pm 0.5^{\circ}\text{C}$	(95°F to 302°F $\pm 0.9^{\circ}\text{F}$ )
	151°C to 350°C	$\pm 1^{\circ}\text{C}$	(303°F to 662°F $\pm 1.8^{\circ}\text{F}$ )
<b>Block 2:-</b>	35°C to 150°C	$\pm 0.75^{\circ}\text{C}$	(95°F to 302°F $\pm 1.35^{\circ}\text{F}$ )
	151°C to 350°C	$\pm 2^{\circ}\text{C}$	(303°F to 662°F $\pm 3.6^{\circ}\text{F}$ )

<b>Stability:-</b>	35°C to 200°C	$\pm 0.2^{\circ}\text{C}$	( $\pm 0.36^{\circ}\text{F}$ )
(Either Block)	201°C to 350°C	$\pm 0.3^{\circ}\text{C}$	( $\pm 0.54^{\circ}\text{F}$ )

**Heating Time:-** 35°C to 350°C (95°F to 662°F) 12 minutes

**Cooling Time:-** 300°C to 100°C (572°F to 212°) 12 minutes

**Block Depth:-** 100mm (4"), except 1.6mm hole that is 75mm (3")

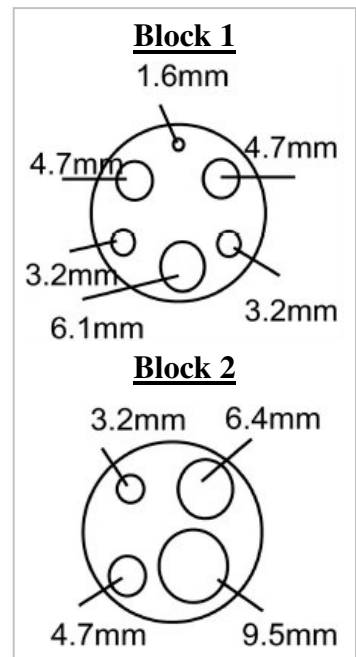
**Body Size:-** 120mm x 50mm x 160mm (180mm deep including handle)  
(WxHxD) 5" x 2" x 6" (7" deep including handle)

**Weight:-** 1.25kg (2.76lbs)

**Power:** 240V ac  $\pm 15\%$  1.6A, UK Plug† 110V ac  $\pm 15\%$  3A

**Certification:-** UKAS Thermal Survey optional at extra cost.

**Carry Case:-** Come with a black foam lined case. Size: 300 x 130 x 350mm (WxHxD)



### Ordering Codes

Block Number	Voltage	Temperature Scale
1	240	C
2	110	F

Examples:

Block 1, 240V Supply, °C Scale = BC2001/1/240/C

Block 2, 110V Supply, °F Scale = BC2001/2/110/F

\* Hole-to-hole uniformity of better than  $\pm 1^{\circ}\text{C}$  with Block 1,  $\pm 2^{\circ}\text{C}$  with Block 2.

† Other types are available, there may be an additional charge.

**Price: £725.00**  
+ vat & delivery