

UBC2001 Block Calibrator

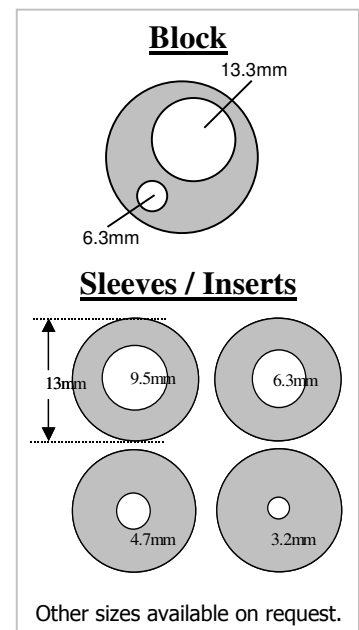
The UBC2001 has all the same quality features of its bigger brothers, just in a smaller package, and is for checking the accuracy of sensors and thermometers. Additionally it can be used to check thermostats with its built test circuit and buzzer. It is simple and easy to use and even at 350°C its stainless steel case is cool enough to hold in your hand. The UBC2001's aluminium block is fan assisted, it heats, cools and stabilises in minutes and in many cases far quicker than larger, more expensive calibrators. Four different size sleeves fit into the 13.3mm hole in the block, allowing you to get the best fit for the probe being calibrated.



The UBC2001 offers low cost and high accuracy, with hole-to-hole uniformity of better than $\pm 1^\circ\text{C}$. These attributes make it the ideal instrument for both commercial and laboratory use as part of your quality & traceability regime.

Specifications – Meets Euramet/cg-13/v.01*

Range:-	35°C to 350°C	(95°F to 662°F)	
Accuracy:- (At full immersion)	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	$\pm 1^\circ\text{C}$	(213°F to 662°F $\pm 1.8^\circ\text{F}$)
	6.3mm & 9.5mm Sleeves:	$\pm 2^\circ\text{C}$	($\pm 3.6^\circ\text{F}$)
Hole-to-hole Uniformity: (Based on 3.2mm sleeve)	35°C to 200°C	$\pm 1^\circ\text{C}$	(95°F to 392°F $\pm 1.8^\circ\text{F}$)
	201°C to 350°C	$\pm 1.5^\circ\text{C}$	(393°F to 662°F $\pm 2.7^\circ\text{F}$)
Stability:-	$\pm 0.25^\circ\text{C}$	($\pm 0.45^\circ\text{F}$)	
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")		
Body Size:- (WxHxD)	120mm x 50mm x 160mm	(180mm deep including handle)	
	5" x 2" x 6"	(7" deep including handle)	
Weight:-	1.5kg (2.3lbs)	(Without sleeves)	
Power:-	240V ac $\pm 15\%$	1.6A	110V ac $\pm 15\%$ 3A [†]
Certification:-	UKAS Thermal Survey optional at extra cost.		
Sleeves/Inserts:-	Sleeves to take 9.5mm, 6.3mm, 4.7mm, 3.2mm probes included as standard.		
Carry Case:-	Included as standard. Foam lined black plastic carry case with molded handle. Size: 300 x 130 x 350mm (WxHxD)		



Ordering Codes

Voltage	Temperature Scale
240	C
110 [†]	F

Examples:
240V Supply, °C Scale = UBC2001/240/C
110V Supply, °F Scale = UBC2001/110/F

Price: £900.00
+ vat & delivery

*With all sleeves except 9.5mm. † Maximum temperature is reduced and heating time is increased for 110V ac.