

UBC3001 Sub-Zero Block Calibrator With interchangeable sleeves

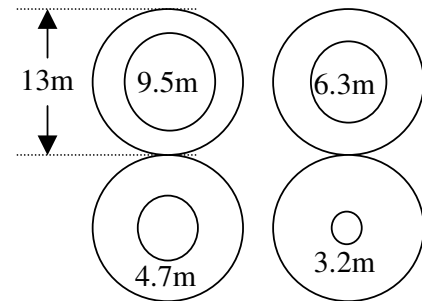
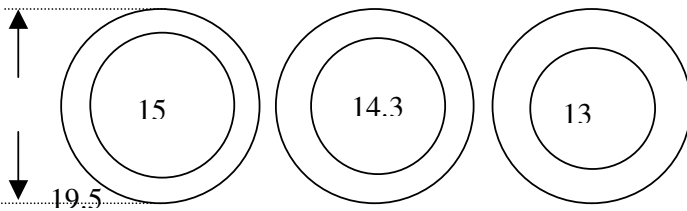
This portable block calibrator, with its mains or vehicle battery power source, allows you to verify the accuracy of sensors and thermometers anywhere. With its solid state Peltier coolers, it needs no refrigerant or compressors. It's at home in the laboratory or cargo hold of a ship. Need to verify the cold chain on refrigerated delivery vehicles? Here is the answer. It's designed to be simple and convenient to use with hole to hole uniformity of better than 0.25°C. The unit comes complete with leads and sense circuit for checking/calibration of thermostats, and a built-in precision indicator, easily configurable to any thermocouple or resistance thermometer type, and with 3 sets of standard sockets, 3 sets of miniature sockets, plus 3 sets of binding/banana sockets. The unit is set to compare any 2 sensors against a calibrated master sensor accurately and quickly (to 3 decimal places) by the turn of a switch. Ideal for use as part of your quality and traceability regime, QS 9000, ISO9000, HACCP etc.



UBC3001 Calibration Block Configuration

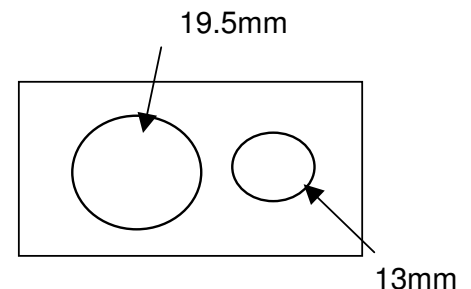
1 x 19.5mm clearance pocket takes 15, 14.3 and 13mm (not included)
1 x 13mm clearance pocket takes sleeves (included to give 9.5mm, 6.3mm, 4.7mm and 3.2mm). Special sleeves are available extra at cost to suit your specific requirements

Pocket and sleeve sizes



diagrams not to scale

Block size



Specifications

Range	-20 to + 135°C *	-4°F to 275°F using mains voltage
	-18 to +120°C *	0.4°F to 248°F using 12V DC supply
	* Based on 20°C (79°F) ambient temperature	
Accuracy	-20 to 100°C ±0.25°C	-4°F to 212°F ±0.9°F
	100 to 135°C ±0.5°C	212°F to 275°F ±1.6°F
Stability	±0.25°C	± 0.45°F
Heating time	Ambient to 100°C	15 minutes (add 30% for 12V DC)
Cooling time	Ambient to 0°C	10 minutes (add 20% for 12V DC)
Pocket depth	100mm (4")	
Case size	300mm H x 305mm D x 180mm W	
Carry case size	460mm H x 250mm D x 380mm W	
Weight	11.0kg (24.25 lbs)	
Total weight	(in case with accessories) 18.0 Kg (39.68lbs)	
Power	110V AC ±15%, 2 amps	
	240V AC ±15%, 1 amp	
	24V DC ±0.5%, 8 amps	

Standard available inserts	3.2mm (1/8"), 4.7 (3/8"), 6.3mm (1/4"), 7.9mm (5/16"), 9.5mm (3/8") 13mm (1/2") 14.3mm (9/16") 15mm (5/8")
Certification	Traceable to National Standards included. UKAS optional extra
"Plus" option	Built-in digital indicator with multi socket input (3 each) UKAS calibration -15, 0, 50, 100 and 125°C

Ordering Codes

Voltage	Temp. Scale
240	C
110	F

UBC3001 110 or 240 volts -°C or °F
Add "Plus" if required

From Only £2,500.00
+ VAT & delivery