

EUBC1001 'Ice-O-Therm' Series - Sub Zero Block Calibrator

The EUBC1001 is an economy sub zero calibration heat source for verifying the accuracy of temperature sensors and thermometers.

It uses solid-state thermoelectric modules to heat or cool its aluminium block rapidly, so there is no need for refrigerant or compressors. Its compact and portable design make it ideal for use anywhere on your site where there is a mains power supply, it can even be quickly changed over to run on 110V*.

It has been designed to be simple and convenient to use as part of your quality and traceability regime; ISO9001, HACCP, etc.



Specifications

Meets Euramet/cg-13/v.01 with sleeves <9.5mm
Based on 20°C (79°F) ambient temperature.

Range: -10 to +110°C (14°F to 230°F)

Accuracy: ±0.5°C (±0.9°F)

Stability: ±0.4°C (±0.7°F)

Heating time: Ambient to 100°C 10 minutes

Cooling time: Ambient to 0°C 10 minutes

Pocket depths: 100mm (4")

Body Size: 210mm x 105mm x 300mm (WxHxD)

Weight: 5.6 kg (12.4 lbs)

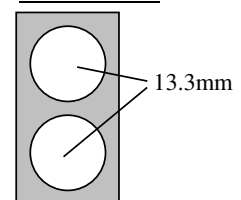
Power: 110V AC ±15% 1A
(Changeable*) 240V AC ±15% 0.5A

Certification: Optional UKAS Thermal Survey at extra cost.

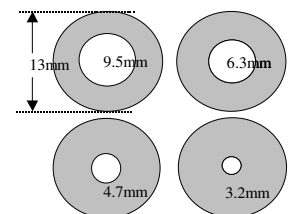
Carry Case: Foam lined aluminium flight case, extra at cost.
Size: 350 x 130 x 300mm (WxHxD)

Calibration Block Configuration
The EUBC1001 has two 13mm clearance pockets which take pocketed sleeves. We offer a choice of 9.5mm, 6.3mm, 4.7mm and 3.2mm sleeves size available at £30 each, or all 4 for £100. Please specify the sleeves you require when ordering.

Block Size



Sleeve and Pocket Sizes



Other sizes available on request.



Ordering Codes

Voltage	Temperature Scale
240	C
110	F

Eg: 240V Supply, °C Scale:
EUBC1001/240/C

Accessories

Carry Case, £50 CASEBLOCK2
3.2mm sleeve, £30 BLKUNS3AL
4.7mm sleeve, £30 BLKUNS4AL
6.3mm sleeve, £30 BLKUNS6AL
9.5mm sleeve, £30 BLKUNS9AL
All 4 sleeves, £100 UNISLEAVE3469
(Sleeve extractor tool is supplied as standard)

Price: £1300.00
+ VAT & delivery

* The AC operating voltage can easily be changed, by a competent person, by removal and reorientation of the fuse holder/voltage selector.