

SK2001 Hand-Held Block Calibrator

The SK2001 block calibrator is ideal for Autoclave and Steriliser Engineers who need to use a portable heat source in confined spaces. Its small hand-held size, accuracy and ease of use put it in a league of its own. It can be used in the tightest of corners (autoclave drains etc.) without sacrificing accuracy. With its UKAS Full Thermal Survey the SK2001 gives the most flexible and accurate traceability for those needing true precision in a portable block calibrator.

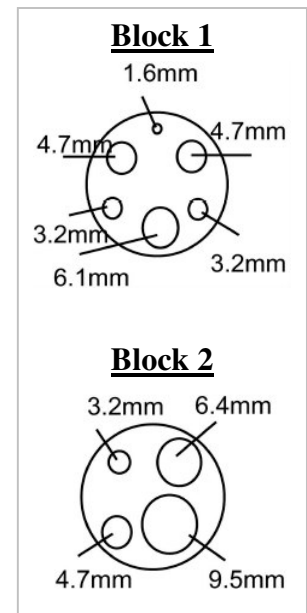


The SK2001 is simple to use; just set the temperature (to 0.1 resolution) on the Eurotherm controller. Put your thermometer or probe in the block's pocket that best suits its diameter and compare its reading to that on the SK2001. To check another temperature, simply adjust the controller and wait a few minutes. Because the aluminium block is small and fan assisted it will heat and cool faster than those in larger block calibrators, saving valuable time and energy.

Each SK2001 includes a full UKAS calibration certificate including data for the measuring system, and a Thermal Survey of the block. There is a choice of two fixed blocks with different pocket arrangements to cater for customer's needs. Be sure to state block type, operating voltage and temperature scale (°C or °F) when ordering.

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

| | | |
|--|---|------------------------------------|
| Range:- | 35°C to 200°C (95°F to 392°F) | |
| Accuracy:- (At full immersion) | 35°C to 100°C | ±0.5°C (95°F to 212°F ±0.9°F) |
| | 101°C to 200°C | ±0.85°C (213.8°F to 392°F ±1.53°F) |
| Hole to hole Uniformity:- Block 1 | 35°C to 150°C | ±0.5°C (95°F to 302°F ±0.9°F) |
| | 151°C to 200°C | ±1°C (303°F to 392°F ±1.8°F) |
| Hole to hole Uniformity:- Block 2: | 35°C to 150°C | ±0.75°C (95°F to 302°F ±1.35°F) |
| | 151°C to 200°C | ±1.5°C (303°F to 392°F ±2.7°F) |
| Stability (either block):- | ± 0.2°C (±0.36°F) | |
| Heating Time:- | 35°C to 200°C (95°F to 392°F) 6 minutes | |
| Cooling Time:- | 200°C to 100°C (392°F to 212°F) 6 minutes | |
| Block Depth:- | 100mm (4"), except 1.6mm hole that is 80mm (3.15") | |
| Body Size:- (WxHxD) | 120mm x 50mm x 160mm (180mm deep including handle) | |
| | 5" x 2" x 6" (7" deep including handle) | |
| Weight:- | 1.25Kg | |
| Power:- | 240V ac ±15% 1.6 amps, 110V ac ± 15% 3.0 amps | |
| Certification:- | UKAS survey of all wells at 60, 100, 121, 134 & 160°C (others available at extra cost) showing stability, uniformity, repeatability and vertical gradient of the block. | |
| Carry Case:- | Included as standard. Foam lined black plastic carry case with molded handle. 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
SK2001/1/240/C

Block 2, 110V Supply, °F Scale
SK2001/2/110/F

Price: £1050.00
+ vat & delivery