

Cole-Parmer®

Cole-Parmer® Precision Fluidized Baths - FSB-200-120, FSB-200-240, FSB-200-D

- Dry, inert, nontoxic aluminum oxide ensures hazard-free operation
- Safer alternative to high temperature oil and salt baths
- Requires controller (01184-50) in order to be calibrated
- Heats up from 20 to 600°C in 60 minutes



Precision Fluidized Bath FSB-200-240

Cole-Parmer® Precision Fluidized Baths - FSB-200-120, FSB-200-240, FSB-200-D

The Cole-Parmer® FSB-200 range of fluidized baths offers a safer alternative to the dangers associated with high temperature oil and salt baths.

These units are designed to be bench or floor standing and only require an electrical and air supply for operation. Air passes through the mass of the aluminium oxide (Alundum) particles via a porous plate in the base of the unit separating the individual particles and suspending them in free air, giving the properties of a liquid bath.

Heaters are fitted within the bath which allow temperatures of 500°C to 600°C to be maintained. Both models in the FSB-200 range feature a stainless-steel inner container insulated from the outer wall, a safety air pressure switch to protect against loss of air pressure and also a thermal cut-out.

It is highly recommended that the FSB-200-TC-S and FSB-200-TC-L temperature control unit is used in conjunction with these baths, greatly improving temperature stability and accuracy. Refer to FSB-200-TC-S (part number 01184-50) and FSB-200-TC-L (part number 01184-55) Temperature Controllers dedicated sell-sheet.

To replace alundum lost through normal operation and removal of items from the bath accept no other substitute as performance and functionality cannot be guaranteed with third party suppliers.



Fluidised Bath FSB-200D

Technical Specification

Specification	SBS-4	SBL-2D
Temperature range	50°C to 500°C	50°C to 600°C
Temperature stability at 50°C	±1°C	±1°C
Heat up time 20°C to maximum	60 minutes	105 minutes
Cool down time maximum to 200°C	180 minutes	330 minutes
Air pressure kPa (psi)	21 (3)	21 (3)
Maximum flow Litres/minute	57	57
Nominal heater power at 240V (W)	1500	4000
Weight of medium required	9 Kg	32 Kg
Working volume Diameter x depth (mm)	178 x 140	228 x 350
Diameter (excluding tap) x height (mm)	335 x 462	385 x 695
Shipping weight (Kg)	24	59

Ordering Information

Description	Weight of Alundum required (BROWN/ALO)*	Ordering Number	Series No.	Model No.	Legacy Sku.
Cole-Parmer® Precision Fluidized Bath 500°C including overspill flange but excluding alundum, (120V) SBS-4	25kg	01184-00	FSB-200	FSB-200-240	F932P
Cole-Parmer® Precision Fluidized Bath 500°C including overspill flange but excluding alundum, (240V) SBS-4	25kg	01184-02	FSB-200	FSB-200-120	F932D
Cole-Parmer® Precision Fluidized Bath 600°C including overspill flange but excluding alundum, (240V) SBL-2D	50kg	01189-50	FSB-200	FSB-200-D	F946D

Please note that the alundum must be ordered separately, it is no longer included with the product.

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