

Block Heaters

Block heaters, digital, three block, SBH:D/3

- Extra capacity three block models
- Choice of 130°C or 200°C maximum temperature
- Digital setting and display
- Uniform and stable temperatures

The same precise heating and control of the two block SBH:D models but with 50% more capacity of a third block. Excellent temperature stability and uniformity is maintained via sensitive electronic controls.

All Stuart® three block heaters are compatible with the Stuart® Sample concentrator, for faster sample concentration.

Technical Specification

| | SBH130D/3 | SBH200D/3 |
|----------------------------------|-----------------------|-----------------------|
| Number of blocks | 3 | 3 |
| Temperature range | Ambient +8°C to 130°C | Ambient +8°C to 200°C |
| Temp. stability at 37°C | ±0.1°C | ±0.1°C |
| Uniformity within block at 37°C | ±0.1°C | ±0.1°C |
| Uniformity within block at 130°C | ±1°C | ±1°C |
| Display resolution | 0.1°C | 0.1°C |
| Dimensions, mm (w x d x h) | 310 x 280 x 115 | 310 x 280 x 115 |
| Net weight, kg (without blocks) | 3.2 | 3.2 |
| Heater power | 450W | 450W |
| Electrical supply | 230V, 50Hz | 230V, 50Hz |
| IP Rating | 31 | 31 |



SBH200D/3

Sample concentrator, SBHCONC/1

A sample concentrator is a fast and convenient way of concentrating multiple samples in a block heater at once. Utilising a simple gas delivery system the sample concentrator passes gas over the surface of your samples via stainless steel needles. This in combination with the heat from the block heater below produces ideal conditions for fast, efficient evaporation.

The gas delivery needles are inserted into a silicon membrane, in virtually any configuration. The height of the sample concentrator's gas reservoir is located on an adjustable stand for accurate height control. This combines to make the sample concentrator compatible with any combination of block heater sample vessels. The gas delivery needles are available in either 76mm or 127mm lengths to suit various tube heights, optional PTFE coating is available for corrosive solutions. The Stuart® sample concentrator is only compatible with the SBH130D/3 and SBH200D/3.

Ordering Information

| Model | Description |
|-----------|---|
| SBH130D/3 | Block heater, 3 block, digital, 130°C |
| SBH200D/3 | Block heater, 3 block, digital, 200°C |
| SBHCONC/1 | Sample concentrator |
| F7209 | Needles, 76mm (pack of 100) |
| F7210 | Needles, 127mm (pack of 100) |
| FSC4NCS | Needles, 76mm, PTFE coated (pack of 100) |
| FSC4NCL | Needles, 127mm, PTFE coated (pack of 100) |

Note: Needles must be purchased separately.



SBH200D/3 with SBHCONC/1