

Dri-Block® heaters, Sample concentrators



Designed to be used with Techne's 3 block Dri-Blocks® the sample concentrator accelerates the concentration of large numbers of samples achieving in minutes what would traditionally take several hours. As the samples are heated, gas is passed via the unique patented gas chamber through hypodermic needles on to the surface of the test solution. This technique is particularly useful in the preparation of samples for analytical techniques including drug screening, hormone assay, chromatographic analysis and scintillation counting.

The Sample Concentrators consist of a fully adjustable gas reservoir which mounts over a Dri-Block® heater with a temperature range of 25°C-200°C; the samples can then be heated to the required temperature to assist evaporation.

The standard needles are 127mm long and set in a silicone rubber matrix enabling their position to be changed to accommodate different tube configurations. PTFE coated needles are available for corrosive solutions.

The gas chamber is suitable for use with most gases and may be adjusted to suit the level of liquid in the sample tubes which should not exceed 2psi.

Both units measure 295 x 240 x 530mm (l x w x h)

Block heaters, aluminium insert blocks and needles are not included with the sample concentrator and must be ordered separately.

Two models are available; firstly, model FSC400D uses either Dri-Block® heater BH/65508 or BH/65512 which accepts blocks BH/65542 to BH/65556 or BH/65560 to BH/65568. Ideally, all 3 positions on the block heater should be used to avoid damage to the sample tubes and to prevent heat loss. It is advisable to fill any blank positions with plain block BH/65540

The second model is FSC496 and again uses Dri-Block® heater BH/65508 or BH/65512 which accepts a single block either BH/65584 or BH/65590 plus spacers BH/65570 should be used for optimum performance and prevent tube damage

Suitable needles for model FSC400D are either BH/65526 or for corrosive samples, PTFE coated needles BH/65530, and for model FSC496D they are BH/65224 and BH/65528 respectively.



BH/65520 with block heater

Cat. No.	Code	Description
BH/65520	FSC400D	Sample concentrator standard
BH/65522	FSC496D	Sample concentrator 96 well
Needles		
BH/65524	F7209	76mm
BH/65526	F7210	127mm
BH/65528	FSC4NCS	PTFE coated 76mm
BH/65530	FSC4NCL	PTFE coated 127mm

Boats, combustion

Boat, combustion

Porcelain combustion boats 14mm wide.

Cat. No.	Length, mm	Height, mm
BO/93202	90	8
BO/93204	103	9



BO/93202