

Sample Concentrator (Gas Blower)

BC 301 AND BC 396

The Concentrator is used to help drying out the large sample volume through blowing the gas (normally nitrogen or other inert gas) into the samples tubes. Combined with the block heater, it can accelerate the concentrate process and often be used in chemical, biochemical and biological labs.

Maplelab offers two models of Concentrators: BC 301 and BC 396. The BC 301 can be used with many types of conventional tubes in different blocks, but the BC 396 can only be used for the 96X0.2ml block. The stand of the concentrator can use two different gas chamber head.

The Concentrators come with the adjustable valve for controlling the gas pressure and tubing for easily plug into gas source.

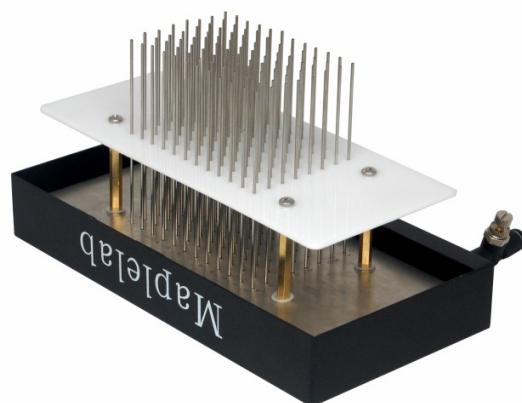
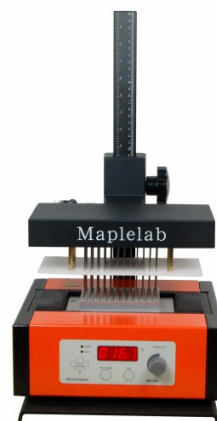
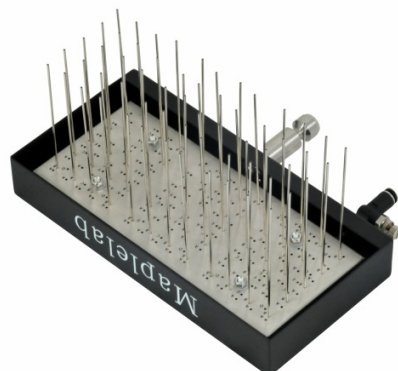
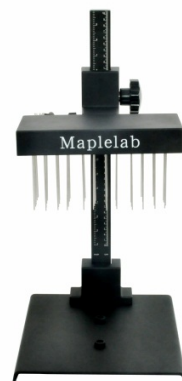
The needle guide and protection plate is another important feature for protection of the gas chamber from the corrosive vapors and guiding the needle aligned with the center of the sample vials.

There are two different types of the needles used in the Concentrator: Stainless steel and Teflon coating stainless steel needles which can resist to many chemical corrosive vapor.

We provide 3-full years warranty with best service for these products.

Ordering Information

Part Number	Product Description
BC-3-01-01	BC 301 Concentrator with complete stand and the gas chamber head without needles
BC-3-96-01	BC 396 Concentrator with complete stand and the gas chamber head for 96X0.2 without needles
BC-3-01-2H	BC 301 Gas Chamber Head for the blocks except 96X0.2ml Block.
BC-3-96-2H	BC 396 Gas Chamber Head for the 96X0.2ml Block.
BC-3-128-1S	Pack of 100 of 128 mm length of stainless needles
BC-3-128-1T	Pack of 100 of 128 mm length of Teflon coating stainless needles



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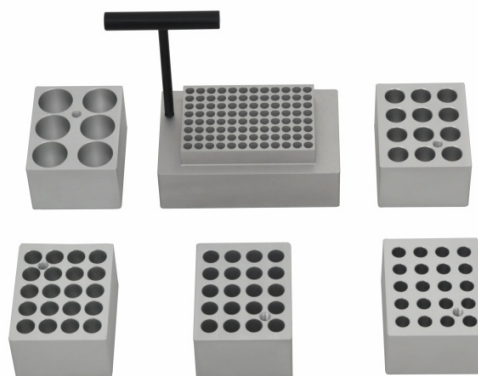
Block Heater Aluminum Blocks

All insert blocks made from anodized aluminum with identical dimension (75WX95LX50H) and can be used in any combination except the 96X0.2 blocks.

We also provide any custom-made blocks with desired insertion depth and diameter.

Ordering Information

Part Number	Tube (diameter/type)	No. of Holes	Hole Size (dia. x depth) mm
DB0001	27mm	6	26.75 x 47
DB0002	0.5ml tubes	30	7.8 (9° taper)
DB0003	96 well plate	-	6.3 (9° taper)
DB0009	2ml tubes	20	10.5 x 33
DB0010	13mm	20	13.5 x 47
DB0013	1.5ml tubes	20	10.7 x 14 (9° taper)
DB0015	12mm	20	12.6 x 47
DB0015-33	12mm	20	12.6 x 33
DB0016	16mm	12	16.5 x 47
DB0017	10mm	20	10.5 x 47



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Block Heaters

BH 603 and BH 602T

Block heater is designed for widely use in Chemical, Biochemical, Clinical and other General Labs for heating, digesting, incubating, concentrating and other heating processes.

There are two models of the Block Heaters: BH 603 and BH 602T. Both are digital control with advanced PID and giving better uniformity across blocks and much accurate heating.

Calibration can be easily set up using 1 to 5 point. After calibration, the display will reflect actual sample tubes or block temperature.

BH 603 can heat the block from room temperature to 200°C, and accommodates three different types of the insert block; The BH 602T has the same temperature range, but can be separately controlled and run for the two different blocks.

Various Block inserts can be chosen for different tubes and need to be ordered separately.

When ordered the 96X0.2ml block, the two adapters will be added in the order. And 96X0.2ml block can only be used in BH 603.

All of the block heaters come with the block removal tool and thermometer ranging from 0 to 200°C.

We provide 3-full years warranty with best service for these products.

Technical Specification

Temperature Range	Room Temperature - 200 °C
Temperature Stability	±0.1 °C
Temperature Maximum	±0.2 °C
Variety between Identical Blocks @ 50 °C	
Power Supply	230V, 50 Hz or 110V, 60
Dimension	280 X 260 X 110

Ordering Information

Part Number	Product Description
BH-3-200-01	BH 603 Heater Blocks, need three insert blocks or one 96X0.2ml
BH-2-200-02	BH 602T Heater Blocks with two separate control, need two insert blocks except the 96X0.2ml blocks



تجهیزات پزشکی

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