

BOECO DRY BATH BLOCK INCUBATOR DBI-100, DBI-200

are ideal for incubation and activation of cultures, enzyme reactions, blood urea nitrogen determinations, immunoassays, melting/boiling points and a wide variety of laboratory procedures.

A supplied special block extraction tool allows to remove blocks easily.



Specification:

Model:	DBI-100	DBI-200
Temperature control range:	RT +5°C - 105°C	
Display Accuracy :	± 0.1°C	
Temperature Stability @100°C	0.4°C	
Uniformity ¹⁾ within the block @37°C	≤ 0.5°C	
Heating Time (20 to 105°C)	less than 15 min	
Timer:	1 min - 99 h 59 min	2
Block Quantity:	1	2
Power, max:	120 W	240 W
Size mm :	250x190x130	365x210x150
Weight:	2,5 kg	4,5 kg

Code

Code	Description
BOE 8018000	Dry Block Thermostat DBI-100, 200/240 V 50/60 Hz
BOE 8018100	Dry Block Thermostat DBI-100, 110/120 V 50/60 Hz
BOE 8019000	Dry Block Thermostat DBI-200, 200/240 V 50/60 Hz
BOE 8019100	Dry Block Thermostat DBI-200, 110/120 V 50/60 Hz

Aluminium blocks with conical bottom for microtubes:

Code

Code	Description
BOE 8018001	Block DB 01 for 96 x 0,2 ml PCR tubes
BOE 8018002	Block DB 02 for 45 x 0,5 ml tubes
BOE 8018003	Block DB 03 for 35 x 1,5 ml tubes
BOE 8018004	Block DB 04 for 35 x 2,0 ml tubes
BOE 8018005	Block DB 05 for 15 x 0,5 ml + 20 x 1,5 ml tubes
BOE 8018006	Block DB 06 for 20 x 1,5 ml + 15 x 2,0 ml tubes
BOE 8018007	Block DB 07 for 32 x 0,2 ml + 25 x 0,5 ml + 9 x 1,5 ml tubes

Aluminium blocks with flat bottom:

Code

Code	Description
BOE 8018008	Block DB 08 for 20 x 5 ml tubes
	Bore size: 14 mm Ø, Depth 40 mm
BOE 8018009	Block DB 09 for 20 x 10 ml tubes
	Bore size: 16 mm Ø, Depth 47 mm
BOE 8018010	Block DB 10 ²⁾ for 12 x 15 ml tubes
	Bore size: 16,9 mm Ø, Depth 58,5 mm
BOE 8018011	Block DB 11 ²⁾ for 6 x 50 ml tubes
	Bore size: 29 mm Ø, Depth 58,5 mm

Aluminium blocks with round bottom:

Code

Code	Description
BOE 8018015	Block DB 15 ²⁾ for 40 x 6 mm Ø tubes
	Bore size: 6,5 mm Ø, Depth: 33 mm
BOE 8018016	Block DB 16 ²⁾ for 28 x 10 mm Ø tubes
	Bore size: 10,5 mm Ø, Depth: 47 mm
BOE 8018017	Block DB 17 ²⁾ for 24 x 12 mm Ø tubes
	Bore size: 12,5 mm Ø, Depth: 47 mm
BOE 8018018	Block DB 18 ²⁾ for 24 x 13 mm Ø tubes
	Bore size: 13,5 mm Ø, Depth: 47 mm
BOE 8018020	Block DB 20 ²⁾ for 14 x 16 mm Ø tubes
	Bore size: 16,5 mm Ø, Depth: 47 mm

BOE 8018027 External Sensor, PT 1000

¹⁾ uniformity is measured with a sample height within the block

²⁾ for blocks DB 10, 11 the lid cannot be closed, for blocks DB 15-19 the lid could only be closed if the tube height is less than 80 mm

BOECO THERMO-SHAKER FOR MICROTUBES, TS-100

is a compact and cost-efficient solution for shaking and temperature control of small samples in 0,5 ml, 1,5 ml and 2,0 ml microtubes. The TS-100 is microprocessor controlled and has a display which indicates simultaneous set and actual time, temperature and shaking speed.

Specification:

Orbit size:	2 mm
Temperature range:	25°C - 100°C
Speed range:	250 - 1400 1/min, increment 10 rpm
Acceleration time:	3 sec
Timer with sound signal:	digital, 1 min - 96 h increment 1 min
Power (external):	DC 12 V, 5 A
Overall size:	205 x 230 x 130 mm
Weight:	3,20 kg

Code

Code	Description
BOE 8064000	Thermo-Shaker for microtubes TS-100, without block, AC 100-240V 50/60 Hz
BOE 8064001	Interchangeable block, SC-18 for 20x0,5 ml and 12 x 1,5 ml microtubes
BOE 8064004	Interchangeable block, SC-18/02 for 20x0,2 and 12 x 1,5 ml microtubes
BOE 8064005	Interchangeable block, SC-24N for 24x1,5 ml microtubes
BOE 8064007	Interchangeable block, SC-24 for 24x2,0 ml microtubes
BOE 8064006	Interchangeable block, SC-96A for 96-well PCR microplate

TS-100 with block SC-24N



BOECO THERMO-SHAKER FOR MICROTUBES, TS-100C

is a heating and cooling thermomixer. Active cooling using Peltier technology offers a temperature regulation range from -4°C to + 100°C. Temperature control and mixing modes can be used simultaneously and independently. The TS-100C is microprocessor controlled and has a display which indicates simultaneous set and actual time, temperature and shaking speed. The low voltage power supply enables safe cold room or incubator operation. The TS-100C is applicable for DNA analysis, extraction of proteins, polysaccharids, lipids and other cell components

with Cooling



Specification:

Speed range:	250 - 1400 1/min, increment 10 rpm
Acceleration time:	3 sec
Orbit size:	2 mm
Temperature control range:	15°C below room temp. to +100°C
Temperature setting range:	-4°C to 100°C
Average heating rate:	5°C / min (from +25 to +100°C in 15 min)
Average cooling speed:	From +100°C to + 25°C, 5°C / min
Timer with sound signal:	From +25°C to + 4°C, 1,8°C / min
Power (external):	digital, 1 min - 96 h, increment 1 min
Overall size:	DC 12 V, 5 A
Weight:	205 x 230 x 130 mm (w x d x h)
	3,7 kg

Code

Code	Description
BOE 8064050	Thermo-Shaker for microtubes TS-100C, without block, AC 100-240V 50/60 Hz
BOE 8064051	Interchangeable block, SC-18C for 20x0,5 ml and 12 x 1,5 ml microtubes
BOE 8064054	Interchangeable block, SC-18/02C for 20x0,2 ml and 12 x 1,5 ml microtubes
BOE 8064057	Interchangeable block, SC-24NC for 24x1,5 ml microtubes
BOE 8064055	Interchangeable block, SC-24C for 24x2,0 ml microtubes
BOE 8064056	Interchangeable block, SC-96AC for 96-well PCR microplate

TS-100C with block

