



WATER BATH

WB-10D / WB-20D



Custom - Made
Design
& OEM Available

NS . BIOTEC
www.nsbiotec.com



ISO 13485

GENERAL FEATURES

- These water baths are ideal for general – purpose applications. Bath fluids can be controlled at temperatures as high as 100 °C (60 ° without cover) with 0.1 °C precision and uniformity .
- Large bath opening lets you immerse samples conveniently.
- Inside stainless steel tank in all models. The stainless steel tank is rounded corners it is so easy to clean. Hinged lid available on request allows condensation to flow back into the bath, eliminating puddles on your bench top. Lid is designed to accommodate a variety of different sized vessels
- It is easy to use the 20-liter models as shaking bath using the optional shaker platform sold separately
- Full protection by follow up alarms Acoustic & Visual switching the heating off at any deviation of 1.0C above set point



Technical Specifications

Model	WB-10 D	WB-20 D	
Capacity (L)	10	20	
Temp.	Working (L)	Up to 100 °C	
	Accuracy	+ /-0.1 °C at 80 °C	
	Uniformity	+ /-0.1 °C at 37 °C	
	Controller	Digital PID	
Size	Bath (W x D x H)	(mm) 300 x 240 x 120	(mm) 480 x 280 x 120
	Overall (W x D x H)	(mm) 430 x 290 x 120	(mm) 635 x 365 x 215
Safety	Over temp	Yes	
	Electrical	Fuse	
Material	Bath	SS # 304	
	Electrical	SS # 304	
	Insulation	Glass wool	
Electrical Requirements	85-242V Ac, 50/60 Hz		
Weight (Net) kg	6.2	9.0	

Accessories

Shaking Device	S-20	
Shaking speed	15 up to 200 strokes / minute	
Speed read out	Digital	
Accessories	Clamps for Erlenmeyer flasks	
Cover	C-10	C-20
Gabled cover	CG -10	CG -20
Flat cover with Ring Sets	CF-10	CF-20
Ring Sets diameters	102 mm – 82 mm – 62 mm – 45 mm – 30 mmØ	
Racks	R-20	
Tube racks	Ø36 tubes Ø13 mm 24 tubes Ø26 mm	
Tube racks / bath	Max. 5	
Erlenmeyer Flasks Racks	250 , 500 , 1000 (ml)	
Racks / Bath	Max. 8/250 ml	



The NS BIOTEC PID Microprocessor controller is user friendly, very easy to operate and has a large Dual LED displays to monitor the temperature & the time for each process .It has also a number of functions, such as adjustable alarm limits, acoustic alarm, timer and PID control of the temperature. The controller is very reliable. It has conforms the EMC requirement for the (EN 50081-1) Safety requirements (IEC 1010-1:1990+A2 / EN 61010-1:1993).



Flat stainless steel cover with concentric ring sets for ring set openings
102 mm – 82 mm – 62 mm – 45 mm – 30 mmØ
Stainless steel rack for tubes Ø13 mm Ø24 tubes Ø26 mm Ø36 tubes diameter



Fitted stainless steel gable cover
Special gable cover for shaking device
Support basket with perforated mounting shelf (stainless steel) with grid perforations to take clips for conical flasks of different sizes 100,250,500 and 1000ml



shaking device can be used with model WB20D as optional accessory with LCD speed controller, variable speed up to 200 strokes per minute (horizontal back/forth movement)

- Some of the illustrations in this publication include the special accessories; we reserve the right to make changes in technical specification. Dimension without prior notice.