



BT-150



Shaking water bath shown with the standard flat tray and flask clips. Flask clip sizes available: 50ml, 125ml, 250ml, 500ml and 1000ml

These reciprocating shaking water bath are controlled at a constant temperature by a digital PID controller. An energy saving coil motor provides stable shaking motion and speed which ensures quiet operation even while under maximum load. The shaking arm is located above the bath chamber as this ensures no leaks and allows for easy removal of the tray for cleaning. A turn valve located at the rear of the bath allows for the water to be easily drained.

The exterior of the bath is made from powder coated steel and the interior is a durable polished stainless steel.

Heat loss is minimized by a hinged stainless steel gable lid.

These baths are supplied with a standard flat drilled tray which accommodates various flask clip sizes. A universal tray with springs arranged to hold a mixed load of different sized flasks can also be supplied as an optional extra.

Model	BT-150	BT-350
Dims Inner	W500 × D300 × H150 mm	W600 × D350 × H180 mm
Dims Outer	W700 × D350 × H300 mm	W830 × D415 × H350 mm
Capacity	22 litres	37 litres
Temp Range	Ambient +5°C to 100°C	
Temp Accuracy	±0.1°C	
Temp Uniformity	±0.5°C	
Controller	PID digital controller	
Shaking Speed	20 to 200rpm	
Shaking Stroke	20 and 400mm Variable	
Display	Digital LED digit display	
Material Int	Stainless steel	
Material Ext	Powder coated	
Material Rack	Flat Tray for Flask Clips / Stainless steel spring rack (optional)	
Safety	over. temp. cut off and over current and leakage breaker	
Power	220V 50Hz	

Number of flask clips which can be fitted:

Flaks Clip Size	50ml	125ml	250ml	500ml	1000ml
BT-150	20	12	6	4	2
BT-350	35	20	12	6	4



WSB-18

Digital Fuzzy Control circulating bath with LCD Display and Jog Shuttle Switch for quick temperature adjustments. Supplied with stainless steel bath and flat lid.

Electronically controlled shaking mechanism provides quiet reciprocating motion and precise speed control and digital display.

Minimum noise and vibration is ensured.

Universal rack included: for 50 ~ 200 ml flasks and tubes.

Delay time and operation time can be controlled.

Optional gable lid available.

Model	WSB-18	WSB-30	WSB-45
Dims Inner (wxdxh mm)	300x300x200	500x300x200	600x380x200
Dims Outer (wxdxh mm)	500x340x290	700x340x290	800x420x290
Capacity	18 litres	30 litres	45 litres
Shaking Capacity	250ml x 8ea	250ml x 15ea	250ml x 28ea
Temp Range	Ambient +5°C to 100°C		
Temp Accuracy	±0.1°C		
Temp Uniformity	±0.5°C		
Controller	Microprocessor digital fuzzy controller		
Shaking Speed	20 to 250 stroke / min		
Shaking Stroke	Adjustable 15 to 30 mm		
Display	Digital LCD and LED 4 digit display		
Timer	99 hr 59 min		
Material Int	Stainless steel		
Material Ext	Powder coated		
Material Rack	Stainless steel spring rack - universal type		
Safety	over. temp. cut off and over current and leakage breaker		
Power	220V 50Hz		



BT-350R



Shaking water bath shown with the standard flat tray and flask clips. Flask clip sizes available: 50ml, 125ml, 250ml, 500ml and 1000ml

One shaking water bath model available with refrigeration capable of cooling down to 0°C (with antifreeze) provided by a 1/4 hp air cooled sealed refrigeration unit. This bath can accept different types of flask holders from 50ml to 1 litre or a universal tray with springs arranged to hold a mixed load of different sized flasks. The inner bath and trays are made of stainless steel and can be easily removed to allow the user to clean the bath chamber. The exterior of the bath is powder coated steel.

Temperature controller is a digital PID controller. Heat loss is minimized by a hinged stainless steel gable lid.

Model	BT-350R
Capacity	35 litres
Bath Dims (wxdxh mm)	600x350x180
External Dims (wxdxh mm)	980x415x430
Shaking Plate (wxdxh mm)	400x300x180
Shaking Rate	20~200 rpm
Temp Range	0°C to 100°C
Temp Uniformity	±0.1°C
Temp Control	Digital PID
Temp Sensor	PT-100
Max Stroke	20mm
Heater	1kw
Safety	Short circuit breaker, over heat protector, sensor abnormality, refrigerator over protector
Weight	55kg

Number of flask clips which can be fitted:

Flaks Clip Size	50ml	125ml	250ml	500ml	1000ml
BT-350	35	20	12	6	4