

SHAKING WATER BATH (+100°C)

LABEC Shaking Water Bath is ideal for shaking cultures and samples in a constant temperature water bath where accurate temperature and reciprocating action is required.

Manufactured with high quality stainless steel interior and a powder coated steel finish for easy maintenance and excellent durability.

The baths are supplied with a shaking tray which can hold 100ml / 250 ml or 500ml flasks (250ml flask clips are supplied as standard). Universal springs racks for test tubes and slide racks for petrie dishes are also available.

Using an internal element and submerged RTD sensor connected to a digital temperature control the temperature can be controlled to +/- 0.2°C. A Digital PID temperature controller controls the temperature within the range ambient +5°C to +100°C.

The shaking functionality is a reciprocating type with a speed range of 35-250 rpm with digital setting and display.



OTHER STANDARD FEATURES INCLUDE:

- RCD/ELB (earth leakage breaker)
- Pt 100 ohms sensor fully sheathed
- Stainless Steel interior
- Excellent temperature uniformity
- Gabled lid
- Quiet operation

SPECIFICATIONS

SHAKING WATER BATH (+100°C)

Model	J-SWB35	J-SWB60
Shaking Type	Reciprocating	
Overall size (mm) (W x D x H)	560 x 410 x 380	700 x 480 x 380
Internal Dimensions of bath (W x D x H)	400 x 350 x 250	600 x 400 x 250
Operating temperature	+5°C to 35°C	
Temp. Range	Ambient+5°C to 80°C	
Temp. Accuracy	+/- 0.1°C at 50°C	
Temp Uniformity	+/- 0.5°C at 50°C	
Temp Controller	P.I.D setting/digital display	
Temp Regulator	SSR Type	
Thermocouple	Pt 100ohms	
Shaking Speed range	30-200rpm	
Shaking stroke	30mm	
Shaking capacity	250ml x 9 each	500ml x 12 each
Shaking plate (mm)	320 x 310	520 x 360
Heating time	Reaches 50°C in 30 mins	
Display	Digital	
Capacity (L)	35	60
Heater (sheath)	3000W	
Motor	1/8 HP	
Interior material	Stainless Steel	
Exterior material	Powder Coated Steel	
Safety Device	Electric Leaker Breakage (ELB)	
Power (W)	600	500

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LABEC

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