



LINEAR WATER BATH SHAKER

Spire Automation & Innovation manufacturers and supplies water bath of various sizes, range & types depending on needs designed to meet the challenging demands of various scientists, specialized research applications, engineering and pharmacy colleges, pharmaceutical & chemical industries. We offer Serological Water Bath, Rectangular Water Bath, Water Bath Incubator Shaker, Refrigerated Water Bath Shaker, Linear Water Bath Shaker, Refrigerated Water Bath



SALIENT FEATURES

- Double walled construction
- Inner chamber made of stainless steel SS-304 and outer chamber made of mild steel duly powder coated (SS optional)
- Temperature range Ambient +5°C to 95°C with an accuracy of ±0.5°C
- High grade mineral wool insulation to ensure temperature stability & reduced energy consumption
- Electronically controlled shaking motion from 30 – 180 strokes / min with an amplitude of 25 mm
- Shaker speed can be controlled through a continuously speed variable regulator knob
- Supplied with one shaking tray as standard accessory fitted with 250 ml clamps
- Universal Plate form to accommodate different capacity of flasks -100 ml, 250 ml, 500 ml, 1000 ml
- Microprocessor based digital PID temperature indicator cum controller with inbuilt timer. Timer start automatically when set value of temperature is attained. When the set time period is over the heating / cooling get switched off automatically.
- Continuous shaking operation
- Independent digital displays for shaking speed and timer function
- It works on 230V AC single phase power supply

SPECIFICATION

Model	SII-LWB-IS-6F	SII-LWB-IS-9F	SII-LWB-IS-12F	SII-LWB-IS-15F
Internal Dimension (Cm)	35 x 30 x 20	40 x 35 x 20	45 x 35 x 20	55 x 35 x 20
Shaking Tray Size	9" x 9"	12" x 12"	14" x 12"	18" x 12"
Flask Capacity	250 ml x 4 / 1000 ml x 1	250 ml x 9 / 1000 ml x 4	250 ml x 12 / 1000 ml x 4	250 ml x 15 / 1000 ml x 6
Volume of bath	21 Lit	28 Lit	32 Lit	38 Lit
Temperature Range	Ambient +5°C to 95°C			
Shaking Range	30 – 180 strokes / min			

Optional:

- RS 232 communication port with software for data acquisition / Temp chart recorder
- Outer body made of SS 304 and inner made of SS 316
- Clamp for holding flask of 100 ml, 500 ml, 1000 ml, 2000 ml



Spire Automation & Innovation, India.

Inspiring Generations...

LINEAR REFRIGERATED WATER BATH SHAKER

Spire Automation & Innovation manufacturers and supplies water bath of various sizes, range & types depending on needs designed to meet the challenging demands of various scientists, specialized research applications, engineering and pharmacy colleges, pharmaceutical & chemical industries. We offer Serological Water Bath, Rectangular Water Bath, Water Bath Incubator Shaker, Refrigerated Water Bath Shaker, Refrigerated Water Bath

SALIENT FEATURES



- Double walled construction
- Inner chamber made of stainless steel SS-304 and outer chamber made of mild steel duly powder coated (SS optional)
- Temperature range +5°C to 95°C with an accuracy of $\pm 0.5^\circ\text{C}$
- PUF insulation to ensure temperature stability & reduced energy consumption
- Electronically controlled shaking motion from 30 – 180 strokes / min with an amplitude of 25 mm
- Shaker speed can be controlled through a continuously speed variable regulator knob
- Supplied with one shaking tray as standard accessory fitted with 250 ml clamps
- Universal Plate form to accommodate different capacity of flasks -100 ml, 250 ml, 500 ml, 1000 ml
- Microprocessor based digital PID temperature indicator cum controller with inbuilt timer. Timer start automatically when set value of temperature is attained. When the set time period is over the heating / cooling get switched off automatically.
- Continuous shaking operation
- Independent digital displays for shaking speed and timer function
- It works on 230V AC.

SPECIFICATION

Model	SAII-LWB-RIS-6F	SAII-LWB-RIS-9F	SAII-LWB-RIS-12F	SAII-LWB-RIS-15F
Internal Dimension (Cm)	35 x 30 x 20	40 x 35 x 20	45 x 35 x 20	55 x 35 x 20
Shaking Tray Size	9" x 9"	12" x 12"	14" x 12"	18" x 12"
Flask Capacity	250 ml x 4 / 1000 ml x 1	250 ml x 9 / 1000 ml x 4	250 ml x 12 / 1000 ml x 4	250 ml x 15 / 1000 ml x 6
Volume of bath	21 Lit	28 Lit	32 Lit	38 Lit
Temperature Range	+5°C to 95°C			
Shaking Range	30 – 180 RPM strokes / min			

Optional:

- RS 232 communication port with software for data acquisition / Temp chart recorder
- Outer body made of SS 304 and inner made of SS 316
- Clamp for holding flask of 100 ml, 500 ml, 1000 ml, 2000 ml

Spire Automation & Innovation, India.

Inspiring Generations...

Corporate Office: S.No 71,B-28,Rajsagar,Kirti Nagar,New Sangvi,Pune,Maharashtra,India-411061 Tel: +91-9975777088 / +91-9422771136

Email ID: sagar@spireautomation.com / nisarg@spireautomation.com Web: www.spireautomation.com