



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.

SAILENT 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 ±1°C
- PUF insulation to ensure temperature stability & reduced energy consumption
- Electronically controlled shaking motion from 30 – 180 rpm
- 25 mm orbital / reciprocating action
- Supplied with one shaking tray as standard accessory
- Universal Plate form: To accommodate different capacity of flasks -

100 ml, 250 ml, 500 ml, 1000 ml (Optional)

- Microprocessor based digital PID temperature indicator cum controller
- Digital display of SV & PV
- RTD (Pt-100) temperature sensor
- Timer or continuous operation
- 0-99 minutes timer or continuous operation
- Independent digital displays for shaking speed and timer function
- It works on 230V AC.

SPECIFICATION

Model	SAII-WB-RIS-6F	SAII-WB-RIS-9F	SAII-WB-RIS-12F	SAII-WB-RIS-16F
Internal Dimension (cm)	40 x 40 x 25	45 x 45 x 25	50 x 50 x 25	55 x 55 x 25
Shaking Tray Size	9" x 9"	12" x 12"	14" x 14"	18" x 18"
Flask Capacity	250ml x 6	250ml x 9	250ml x 12	250ml x 16
Temperature Range	+5°C to 95°C			
Shaking Range RPM	30 – 180 RPM			

Optional:

- RS 232 communication port with software for data acquisition
- Outer body made of SS 304
- Digital timer – It start automatically when set / desired value of temperature is attained. When the set time period is over the heaters get switched off automatically and unit sounds a Buzzer alerting the user that the process is complete.

NOTE: Customized solution available on request