

Shaker Incubator

The **SESS** shaking Incubator with a special control module provide excellent accuracy & uniformity essential for most demanding applications in the temperature range of 5 to + 60° C.

Orbital shaker Incubator incorporate design features that offer maintenance-free shaking under a constant and reproducible temperature environment. Two different models that can meet the needs of most biological research laboratories for shaking under a precisely controlled temperature environment are available in four basic housing configurations.

Applications:

Shaking Baths are ideal for all applications requiring precise and reproducible results for Incubations, fermentations, homogenization, chemical and biochemical reactions, enzyme and tissue studies

Advantages:

- Digital RPM as standard
- Constant shaking speed even during heater operation.
- Double walled, insulated, full stainless steel construction.
- Control accuracy: $\pm 0.5^{\circ}\text{C}$ at 37°C .
- Heating up to 60°C
- Shaking Speed: 40 to 180 strokes per min.
- Inner chamber and outer body of SS 304
- Independent over-temperature self resetting safety cut-off with alarm.

SRI EASWARI SCIENTIFIC SOLUTION

Old No- 499, New no: 2/20, Plot No - 110A, Srinivasanagar, 2nd cross street, Srinivasapuram, Baraniputhure, Iyyapanthangal,
Near: srinivasa welding shop, Chennai-600 056 INDIA,



Technical Data:

Specification / Model No.	SESS-SI-A	SESS-SI-B
Lotus Clamps	16 x 250ml (or) 16 x 500ml conical flask	
Tray size	420 x 420 mm	
Temperature Range	5°C Above Ambient to 60°C	10°C to 60°C
Inner Chamber	Stainless Steel 304 Grade	
Outer	Mild Steel Powder coated	
Temperature Controller	Digital Micro processor based PID controller with display resolution of 0.1°C	
Display accuracy	0.5% Full Scale ± 1 digit	
Controlling Accuracy	$\pm 0.5^\circ\text{C} \pm 1$ digit	
Timer	Provided with Digital Timer	
Air Circulation	Provided	
Shaking Speed	50 -250RPM - ORBITAL	
Motor	PMDC Motor	
RPM Indicator	Provided with Digital RPM Indicator	
Control Heating	1000 watts	1000 watts
Refrigeration System	N/A	Single Stage with CFC free refrigerant
Insulation	N/A	PUF
Shaking dia	25mm	
Visibility	Provided with visible window & built in lighting attachment	
Power Supply	230V, 50HZ, Single Phase	

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