

Shaking Incubator | SHI1



✓ Powerful and Soft

Advanced Mechanism Driving station realized soft and stable operation by “Slow Start Function”

✓ High Uniformity

Dual Fan applied for High Uniformity Performance.

✓ Soft and Long Life Cycle

BLDC motor does not need ordinary maintenance works and the expected lifetime

※ Spring Rack in the photo is not included as a standard delivery.
Please select the platform to be used when ordering.

✓ High Safety

Over-Load & Heat,
Over Current Protection

✓ Program Operating

Applies program function realize
complex experiment to one time

✓ Touch Button

Excellent design focused on the
convenience of users

✓ High Fidelity LCD Display

Operation Icon of high intuitiveness and
Easy-to-read backlit LCD are equipped

Flexible Design

Maxi. Capacity with
16ea 250ml Flask



Specification & Ordering

Digital Models

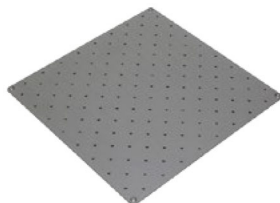


Ordering No.	Model Name	Description
LT.SH02010	SH1	Shaking Incubator, Orbital, Forced-air, 53L, 10 to 300 rpm, up to 50°C, without Platform, 230V
LT.SH02011		Shaking Incubator, Orbital, Forced-air, 53L, 10 to 300 rpm, up to 50°C, without Platform, 120V

※ Spring Rack in the photo is not included as a standard delivery. Please select the platform to be used when ordering.

Model	SH1	
Shaking action	Orbital	
Base Platform dimensions (w x d)	350 X 350 mm	
Chamber Volume (L)	53	
Speed range	10 to 300rpm	
Orbit/amplitude	20mm	
Circulation Type	Forced-air Flow	
Temp. Range	Ambient Temperature +5°C to 50°C	
Temp Accuracy	±0.3°C	
Heat-up Time	25min. to 37°C,, 40min. to 50°C	
Recovery Time (Door open 30sec)	8min. to 37°C, 12min. to 50°C	
Temp	Resolution	0.1°C-Display, 0.1°C-Control
	Fluctuation	±0.2°C at 37°C, ±0.3°C at 50°C
	Variation	±0.6°C at 37°C, ±1.0°C at 50°C
Controller	Digital Fuzzy Controller with Touch Button & Jog Dial	
Timer	99hr 59min., ±1 min. increments	
Display	Full Digital LCD Display with Back-Light Function	
Programmable Function	3 Program, 10 Steps	
Maximum load	10Kg	
Motor Type	Brushless DC Motor	
Heating Output	300W	
Power Consumption	400W	
Permissible Temp. & Humidity	5°C~40°C, <80%	
Safety Devices	Overload Protector for Motor, Overheat Protection for Sample	
Optional Platform Size	Universal Platform (w x d)	350 x 350 mm
	Rubber mat platform (w x d)	370 x 370 mm
Dimensions (w x d x h) & Net Weight	403 x 603 x 365mm, 21.7Kg	
Packing Size (w x d x h) & Gross Weight	690 x 500 x 550mm, 27.0Kg	
Power Supply	1 Phase, AC 120V, 60Hz or AC 230V, 50/60 HZ	

Accessories



Universal Platform



Spring Rack



ABS Flask Holder

Ordering No.	Model Name	Description
LT.SH00010	SHUP35	Universal Platform, w350×d350mm(Max. 20ea 100ml Flask, 16ea 250ml Flask and 9ea 500ml Flask)
LT.SH00012	SHRP35	Rubber Mat Platform, Two Side Mat, incl. Fixing Band, w370×d370mm
LT.SH00013	SHSR35	Spring Rack, w350×d350mm x h100mm
LT.SH00040	SHFH100A	ABS Flask Holder for 50-100ml Flask
LT.SH00041	SHFH250A	ABS Flask Holder for 200-300ml Flask
LT.SH00042	SHFH500A	ABS Flask Holder for 500-1000ml Flask