

# 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

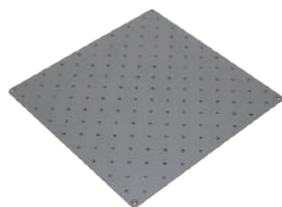


Ordering No.	Model Name	Description
LT.SH02010	SH11	Shaking Incubator, Orbital, Forced-air, 53L, 10 to 300 rpm, up to 50°C, without Platform, 230V
LT.SH02011		Shaking Incubator, Orbital, Forced-air, 53L, 10 to 300 rpm, up to 50°C, without Platform, 120V

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

Model		SH11
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		500 x 690 x 560mm, 27.7Kg
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