

Shaking Incubator(SI-100 / SI-100R)

쉐이킹인큐베이터



Features

- Accurate temperature controls by Digital PID controller.
- Accurate speed control and digital mark function made for user convenience.
- Circulation device in internal chamber have a little noise and keep overall temperature evenly.
- Overheat, over current prevention device for users and safety function to stop shaking device automatically when door open.
- Various holder and plate available according to users spec.
- Little noise designed structurally.

Specifications

Made in Korea

Spec. / Model		SI-100	SI-100R
Temp	Range	Amb +5℃~60℃	0℃~60℃
	Controller	Digital PID Controller	
	Accuracy	±0.2℃ at 37℃	
Size	Internal (WxDxH, mm)	530x560x380 (112L)	
	External (WxDxH, mm)	590x850x770	590x850x880
Safety	Electrical	Over temp limiter, ELB(Earth Leakage Circuit Breaker), Pause stop	
Material	Internal	Stainless steel (#304)	
	External	Steel, Powder coating	
Speed Range		20~270 rpm	
Shaking Stroke		20mm Orbital Motion	
Light System		LED Lamp 4W	
Refrigerator		None	1/4 HP
Electric Requirements		220VAC. 50 or 60Hz	

Shaking Incubator

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쉐이킹인큐베이터

Distinction



shock absorber

lamp

Spring Wire Rack

PID Controller

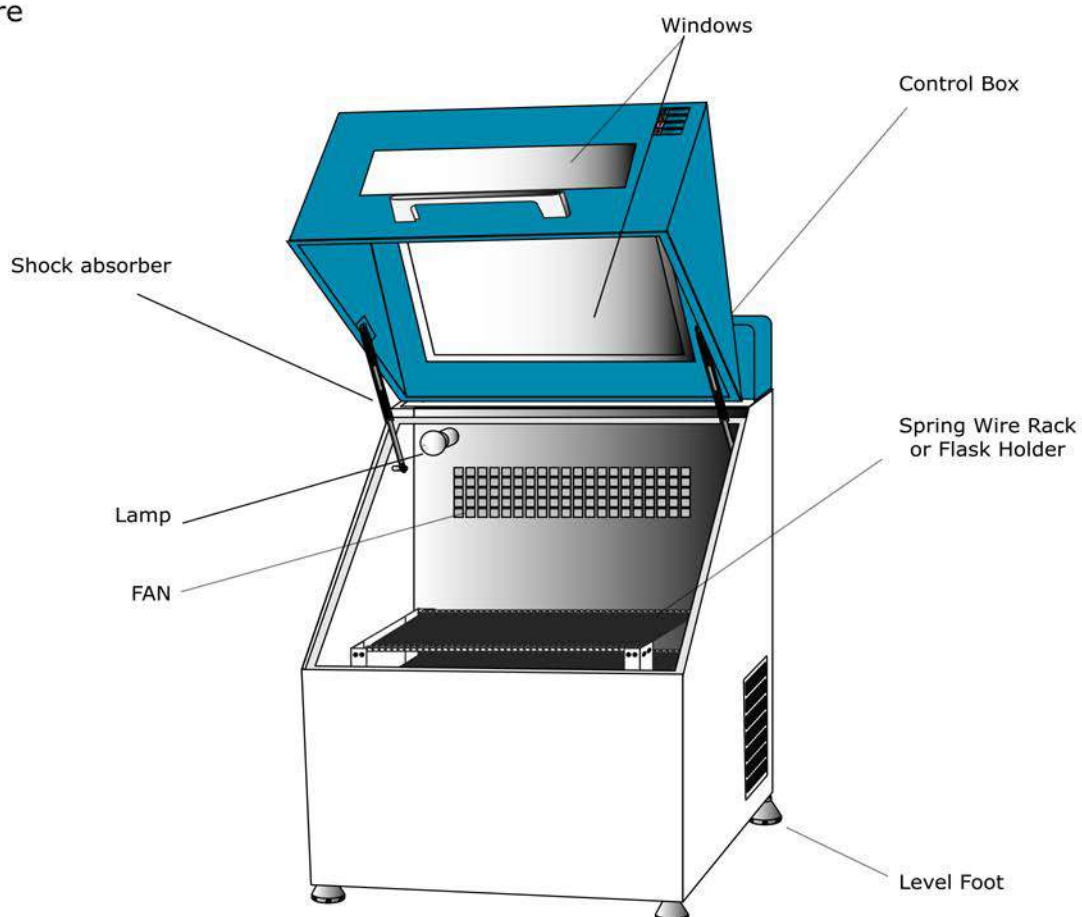
* Accurate temp. control and speed control by the touch PID Controller

* Various flasks are available.

* Easy observation during operation.

* Smooth door operation

Structure



SHAKING INCUBATOR

Standard equipment for a physics and chemistry laboratory

Maintains a stable temperature, for rotational movement



Temperature, rotation

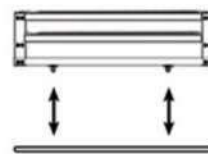
Used for various experiments by providing shaking at a constant rotational speed at a certain temperature.



Orbital rotary motion



Internal fan for uniform temperature



Detachable rack





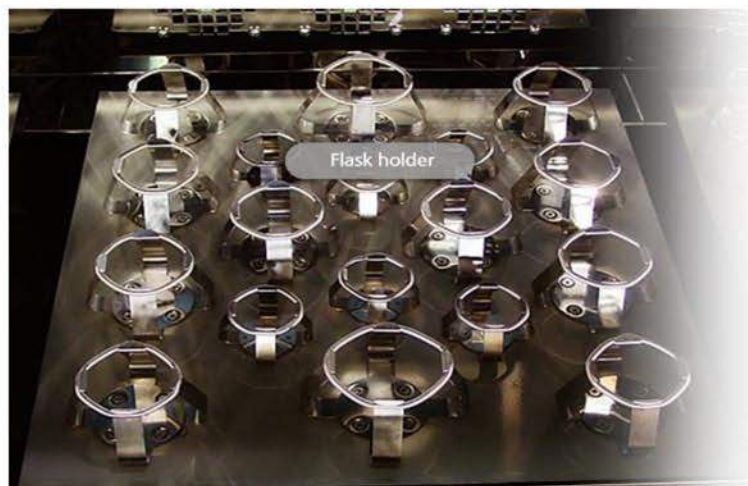
Safe and convenient door use
Shock absorber

LED lamp used for internal
observations



LED lamp for long term
internal observations

Longer lifespan.



100ml, 250ml, 500ml, 1L, 2L, 3L sizes
Flask holder plate comes in various sizes
Plate can be attached and detached easily.

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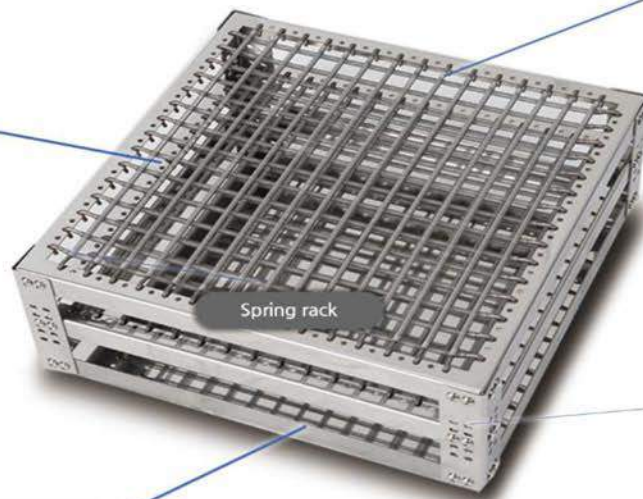


Spring rack
with multiple size flasks

Easy to attach and detach.



Mesh type



Spring rack

STS #304



Spring Hook



2nd stage

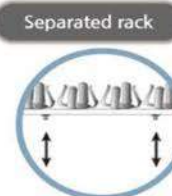
<Option>
100mL / 250mL / 500mL
1L / 2L / 3L



STS #304



Flask Holder



Separated rack

Current temperature display

Set temperature, current speed, time display

Temperature control function On / Off

Rpm control On / Off

Freezer control On / Off



SHAKING INCUBATOR

Excessive Temperature blocker (Over Temp Limit.)

Be sure to set it higher than the set temperature.

LED Lamp Operation Switch

Power switch

Value increment, screen change switch

Right shift switch

Left shift, Auto-tuning switch

Data change switch

Flask Holder Size

100ml Flask Holder



250ml Flask Holder



500ml Flask Holder



1000ml Flask Holder



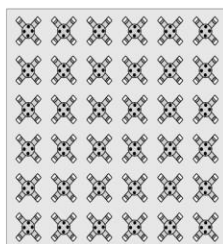
2000ml Flask Holder



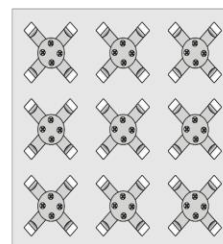
2800ml Flask Holder



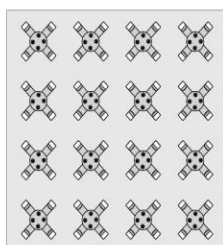
SI-100, SI-100R (480mmx460mm)



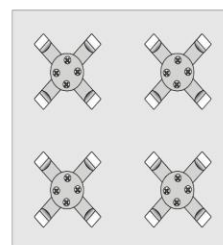
100ml 36ea



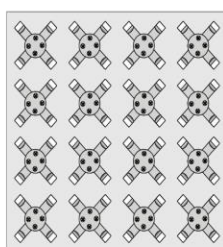
1000ml 9ea



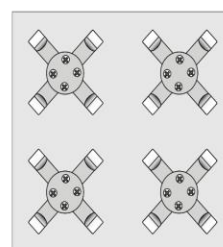
250ml 16ea



2000ml 4ea



500ml 16ea



2800ml 4ea