Shakers

Orbital Shaker

Description

The Orbital Shaker may be used for several applications including culturing microbes, washing blots, and general mixing. A spring platform is an available accessory which can handle multiple flasks. CTI's SilentShaker® is designed and built for a heavy workload, and provides continuous shaking with no vibration or heat output. The SilentShaker® can be placed into a standard incubator, converting the incubator into a shaking incubator.



SYC-2102

Features

- ☐ Digital control and LED display;
- ☐ Low noise level;
- ☐ Gentle speed up and slow down;
- ☐ Automatic recovery from power outage;
- ☐ Includes standard platform with non-skid mat.

Specifications

Rotation Method	Circular Orbit, 26mm dia.	Dimensions	432x535x190mm
Speed	30~300rpm	Relative Humidity	＜80%
Timer Range	0~99 Hours ("0" for running continuously)	Ambient Temperature	5°C~40°C
Platform Dimensions	400x400mm	Max. Power Consumption	85W
Capacity	1000ml Flasks x 6 2000ml Flasks x 4	Power	AC110V/60Hz(US) AC220V/50Hz(Eur)
Max. Workload	10Kg	Weight	38Kg

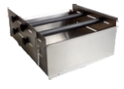
Accessories



SYC2102-A
Aluminum Platform
Dimensions: 400 x 400 x 5mm



SYC2102-B
Universal platform with 4 adjustable bars.
Dimensions: 417 x 402 x 146mm

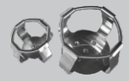


SYC2102-C
Universal platform with 2 adjustable bars for large flask.
Dimensions: 417 x 417 x 207mm



SYC2102-D
Bars
L=400mm

Accessories

Name	Part Number	Specifications	Picture	Note
Flask Clamp	IS-A1	50ml		Made of high grade stainless steel.
	IS-A2	100ml		
	IS-A3	150ml		
	IS-A4	200ml		
	IS-A5	250ml		
	IS-A6	500ml		
	IS-A7	1000ml		
	IS-A8	2000ml		
	IS-A9	3000ml		
	IS-A10	5000ml		
96-Well Microplate Holder	IS-A13			Made of high grade stainless steel.
Test Tube Rack	IS-A11	Ø 40x14mm		
	IS-A12	Ø 40x16mm		
	IS-A23	Ø 40x18mm		
	IS-A24	Ø 27x 22mm		
Adjustable Test Tube Rack	IS-A20	Ø 40x14mm		Made of stainless steel and high grade ABS plastic material.
	IS-A21	Ø 40x16mm		
	IS-A30	Ø 40x18mm		
	IS-A31	Ø 27x22mm		
	IS-A37	Ø 24x30mm		Maximum tube length: 300mm
Mini Universal Spring Platform	IS-A19	WxDxH: 165x165x80mm		
	IS-A27	WxDxH: 350x240x80mm		
Fixture for Separating Funnel	IS-A35			Used for separating funnel with volume greater than 500ml.
Infusion Bottle Clamp	IS-A33	500ml		Made of stainless steel. Can be fixed on all platforms of incubator shakers.
	IS-A34	1000ml		
Sticky Pad	IS-A36	WxD: 140x355mm	