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<br>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



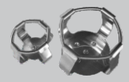
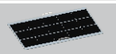
SYC2102-C
Universal platform with 2 adjustable bars for large flask.
Dimensions: 417 x 417 x 207mm



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 |  | |