ORBITAL SHAKERS

Perfect for culturing microbes, washing blots and general mixing. Suitable for use in standard incubators.

Mini Orbital Shaker
OS-03UA

Microplate Shaker
OS-07UA

Multipurpose Shaker
OS-06UA

Large Capacity Orbital Shaker
SYC-2102A

PRODUCT FEATURES:

- Ergonomic design with speed control and timer
- Automatically recovers from power outages
- Wide range of accessories available
- Digital control and LED/LCD display
- Designed and built for continuous use
- Gentle speed up and slow down
- Safe for use inside standard incubators
- No vibration or heat output
- Built for heavy workloads

2-Year Replacement Warranty

Specifications

Model	OS-03UA	OS-06UA	OS-07UA	SYC-2102A
Product Name	Mini Orbital Shaker	Multi-Purpose Shaker	Microplate Shaker	Large Capacity Orbital Shaker
Speed	30~300 RPM	50~450 RPM	150~1000 RPM	30~300 RPM
Speed Accuracy	± 2%	± 1 RPM (@ ≤ 100 RPM) ± 1% (@ > 100 RPM)	± 1% (@ ≤ 299 RPM) ± 2% (@ > 299 RPM)	± 2%
Orbital Diameter	Ø20mm (0.79 in)	Ø10mm (0.39 in)	Ø2.5mm (0.1 in)	Ø26mm (1.02 in)
Timer	0~99h 59min			
Platform Dimensions	307 × 267 mm (12.1 × 10.5 in)	310 × 284 mm (12.2 × 11.2 in)	275 × 235 mm (10.8 × 9.3 in)	400 × 400 mm (15.7 × 15.7 in)
Capacity	15x50ml/12x100ml/9x150ml/ 9x200ml/9x250ml/6x500ml/4x1000ml 2xIS-A103 (50ml tube racks) / 2xIS-A105 (15mltube racks)	20×50mL / 8×100mL / 8×150mL or 200mL / 8×250mL / 6×500mL / 4×1000mL / 2×2000mL / 1×5000mL flasks / 2× Tube Racks	4×Microplates / 6×Microplates (with OSA15 Large Platform Assembly) / 2×Tube Racks	36x50ml/24x100ml/17x150ml/ 17x200ml/17x250ml/12x500ml/6x10 00ml/4x2000ml/4x3000ml/2x5000ml 3" Tube racks(IS-A11/12/23/24/42…)
Max Load	2.5 kg (5.5 lb)	4.5 kg (9.9 lb)	4 kg (8.8 lb)	10 kg (22 lb)
Display	LCD	LED		
Accessories Included in Standard Packaging	OSA13 (Aluminum Platform)	OSA21 (Universal Aluminum Platform)	Standard Platform with 6 pcs of OSA13 (96-well Microplate Holder)	Standard Plaform with non-skid mat
Operating Environment	Ambient Temperature: 5°C~40°C			
	Ambient Relative Humidity: ≤80%			
Power Supply	AC110V, 60Hz			
Max. Power	8.5W	40W	72W	85W
Dimensions W×D×H	240 x 345 x 111 mm (9.4 x 13.6 x 4.4 in)	296 x 440 × 129 mm (11.7 x 17.3 x 5.1 in)	296 x 440 × 142 mm (11.7 x 17.3 × 5.6 in)	535 x 432 × 190 mm (21.1 x 17.0 × 7.5 in)
Net Weight	12.5 kg (27.6 lb)	15 kg (33.1 lb)		38 kg (83.8 lb)
IP Protection Rating	IP21			
Certifications	CE	cCSAus, CE, RoHS, WEEE		CE

ORBITAL SHAKERS

Perfect for culturing microbes, washing blots and general mixing. Suitable for use in standard incubators.

For over 25 years Crystal Technology and Industries has been driven to deliver exceptional value to the scientific marketplace by developing innovative equipment and Cryo Storage Solutions for today's scientist.

Aluminum Platform for SYC-2102A
OSAO1
WxD: 400 x 400 mm (15.75 x 15.75 in)

Platform with 4 Adjustable Bars for SYC-2102A
OSA02

Platform with 2 Adjustable Bars for Large Flasks for SYC-2102A
OSA03

400mm bars for Universal Platforms (OSA02 and OSA03)
OSA04

96-well Microplate Tab
OSA13

Large Platform for OS-07UA
OSA14
298 x 274 mm (11.7 x 10.8 in)

Large Platform with 96-Well Microplate Tabs for OS-07UA
OSA15
WxDxH: 306 x 303 x 145 mm (12.95 x 11.93 x 5.71 in)

Platform with Adjustable Bars for OS-06UA
OSA20

Universal Platform for OS-06UA
OSA21
WxD: 310 x 284 mm (12.2 x 11.2 in)

Aluminum Platform for OS-03UA
OSA23
290 x 230 mm (11.4 x 9.1 in)

Crystalindustries.com| Info@crystalindustries.com |972-934-2525

ORBITAL SHAKERS

Perfect for culturing microbes, washing blots and general mixing. Suitable for use in standard incubators.
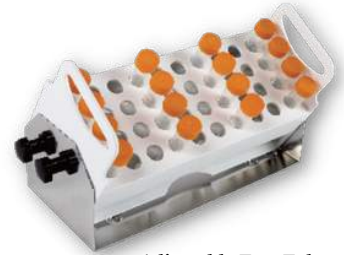
For over 25 years Crystal Technology and Industries has been driven to deliver exceptional value to the scientific marketplace by developing innovative equipment and Cryo Storage Solutions for today's scientist.
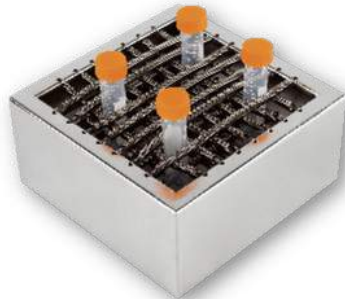
Flask Clamp

96-Well Microplate Holder
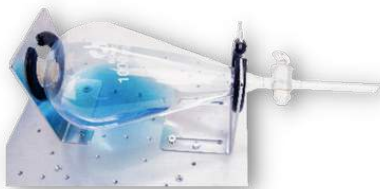
Adjustable Test Tube Rack

Mini Universal Spring Platform

Mini Universal Spring Platform

Infusion Bottle Clamp

Fixture for Separating Funnel

Sticky Pad

Crystalindustries.com| Info@crystalindustries.com |972-934-2525

ORBITAL SHAKERS

Perfect for Culturing Microbes, Washing Blots and General Mixing. Suitable for use in Standard Incubators.

Accessories
Specifications

Item Type	Item Number	Specifications	Max Capacity for OS-03UA	Max Capacity for OS-06UA	Max Capacity for OS-07UA	Max Capacity for SYC-2102A
Flask Clamp	IS-50	Holds 25 mL Flask	20	20		36
	IS-A1	Holds 50 mL Flask	20	20		36
	IS-A2	Holds 100 mL Flask	9	8		20
	IS-A3	Holds 150 mL Flask	9	8		20
	IS-A4	Holds 200 mL Flask	9	8		20
	IS-A5	Holds 250 mL Flask	9	8		16
	IS-A6	Holds 500 mL Flask	4	6		12
	IS-A7	Holds 1000 mL Flask	4	4		9
	IS-A8	Holds 2000 mL Flask		2		4
	IS-A9	Holds 3000 mL Flask		2		4
	IS-A10	Holds 5000 mL Flask		1		2
96-Well Microplate Holder	IS-A13	WxD: 136x95 mm (5.4 x 3.7 in)	NA	5		8
Tube Rack	IS-A11	Holds 40 tubes x ø14mm		2		3
	IS-A12	Holds 40 tubes x ø16mm		2		3
	IS-A23	Holds 40 tubes x ø18mm		NA		3
	IS-A24	Holds 27 tubes x ø22mm		NA		3
	IS-A103	Holds 10 tubes x Ø30mm	2	NA	NA	NA
	IS-A105	Holds 24 tubes x Ø18mm	2	NA		NA
Adjustable Angle Tube Rack	IS-A20	Holds 40 tubes x ø14mm		2		3
	IS-A21	Holds 40 tubes x ø16mm		2		3
	IS-A30	Holds 40 tubes x ø18mm		NA		3
	IS-A31	Holds 27 tubes x ø22mm		NA		3
	IS-A32	Holds 27 tubes x ø30mm		NA		3
	IS-A37	Holds 24 tubes x ø30mm	NA	NA		3
Mini Universal Spring Platform	IS-A19	WxDxH: 165x165x80 mm (6.5x6.5x3.1 in)		NA		1
	IS-A27	WxDxH: 350x240x80 mm (13.8x9.5x3.1 in)				1
Separating Funnel Fixture	IS-A35	For seperating funnels with volumes greater than 500mL		2		3
Infusion Bottle Clamp	IS-A33	Holds 500 mL Infusion bottle		5		12
	IS-A34	Holds 1000 mL Infusion bottle		5		8
Sticky Pad	IS-A47	140 x 140mm (5.51 x 5.51 in)	2	4		9