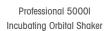


LABORATORY EQUIPMENT CATALOG

Incubating Shaker Selection Guide







Professional 5000IR Incubating/Refrigerating Orbital Shaker



Professional 3500 Incubating Orbital Shaker



Professional 1000-3 Incubating Orbital Shaker

Temperature Range	Ambient +5° to 65°C	15°C Below Ambient to 65°C	Ambient +5° to 65°C	Ambient +5° to 65°C
Speed Range	15 to 500rpm	15 to 500rpm	15 to 500rpm	100 to 1200rpm
Timer	1 second to 160 hours	1 second to 160 hours	1 second to 160 hours	1 second to 160 hours
Motion	Orbital	Orbital	Orbital	Orbital
Orbit	25.4mm	25.4mm	19mm	3mm
Max Weight Capacity	50lbs	50lbs	35lbs	8lbs
Audible Alarm	•	•		•
Load Sensor	•	•		_
Drive System	Triple Eccentric	Triple Eccentric	Triple Eccentric	Triple Excentric
Motor Type	Brushless DC Motor	Brushless DC Motor	Brushless DC Motor	Brushless DC Motor
Set-Point Retention	Yes/Displays Last Setting	Yes/Displays Last Setting	Yes/Displays Last Setting	Yes/Displays Last Setting
Restart/Power Out	•	•		•
Ramp to Speed	•	•		•
Temperature Overshoot Protection	•	•	•	_
Overload Protection	•	•		•
User Calibration (Temperature)	•	•	•	•
User Calibration (Speed)	•	•		_
RS-232 Interface	•	•		_
Overall Dimensions	32.1 x 26.6 x 23.5"	41.1 x 26.6 x 23.5"	25.5 x 14 x 16"	17 x 11 x 10.5"
Included Tray (L x W)	18 x 18"	18 x 18"	13 x 11"	11 x 7.75"
Platform Options (L x W)	18 x 18"	18 x 18"	13 x 11"	N/A



Incubating Shaker Selection Guide







Professional 1000IC-3 Incubating/Cooling Orbital Shaker

100 to 1200rpm

1 second to 160 hours

Orbital

3mm

2 Microplates /

2 Modular Blocks



Professional 1000RS Incubating Rocking Shaker

Ambient +5° to 65°C



Professional 1000WS Incubating Waving Shaker

Ambient +5° to 65°C

1 to 30rpm

1 second to 160 hours

Ambient +5° to 65°C 10°C Below Ambient to 65°C 100 to 1200rpm 1 second to 160 hours Orbital 3mm 4 Microplates / 2 Micro-Tube Rackss Triple Eccentric Brushless DC Motor Yes/Displays Last Setting

Triple Eccentric Brushless DC Motor Yes/Displays Last Setting 17.9 x 11 x 10.5" N/A N/A

1 to 50rpm 1 second to 160 hours Rocking Tilt Angle: 0 to 15° * 10lbs** Cable Stepper Motor Yes/Displays Last Setting 17 x 11 x 10.5" 10 x 7.5" N/A

Waving Tilt Angle: 0 to 20° * 5lbs** Cable Stepper Motor Yes/Displays Last Setting 17 x 11 x 10.5" 9.25 x 7.25"

N/A

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17 x 11 x 7.75"

11 x 7.75"

N/A

^{*} Maximum speed/filt angle may vary with heavy or unbalanced loads.