

## Incubating Shaker Selection Guide



Professional 5000I  
Incubating Orbital Shaker



Professional 5000IR  
Incubating/Refrigerating  
Orbital Shaker



Professional 3500  
Incubating Orbital Shaker



Professional 1000-3  
Incubating Orbital Shaker

	Professional 5000I Incubating Orbital Shaker	Professional 5000IR Incubating/Refrigerating Orbital Shaker	Professional 3500 Incubating Orbital Shaker	Professional 1000-3 Incubating Orbital Shaker
<b>Temperature Range</b>	Ambient +5° to 65°C	15°C Below Ambient to 65°C	Ambient +5° to 65°C	Ambient +5° to 65°C
<b>Speed Range</b>	15 to 500rpm	15 to 500rpm	15 to 500rpm	100 to 1200rpm
<b>Timer</b>	1 second to 160 hours	1 second to 160 hours	1 second to 160 hours	1 second to 160 hours
<b>Motion</b>	Orbital	Orbital	Orbital	Orbital
<b>Orbit</b>	25.4mm	25.4mm	19mm	3mm
<b>Max Weight Capacity</b>	50lbs	50lbs	35lbs	8lbs
<b>Audible Alarm</b>	●	●	●	●
<b>Load Sensor</b>	●	●	●	—
<b>Drive System</b>	Triple Eccentric	Triple Eccentric	Triple Eccentric	Triple Eccentric
<b>Motor Type</b>	Brushless DC Motor	Brushless DC Motor	Brushless DC Motor	Brushless DC Motor
<b>Set-Point Retention</b>	Yes/Displays Last Setting	Yes/Displays Last Setting	Yes/Displays Last Setting	Yes/Displays Last Setting
<b>Restart/Power Out</b>	●	●	●	●
<b>Ramp to Speed</b>	●	●	●	●
<b>Temperature Overshoot Protection</b>	●	●	●	—
<b>Overload Protection</b>	●	●	●	●
<b>User Calibration (Temperature)</b>	●	●	●	●
<b>User Calibration (Speed)</b>	●	●	●	—
<b>RS-232 Interface</b>	●	●	●	—
<b>Overall Dimensions</b>	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"
<b>Included Tray (L x W)</b>	18 x 18"	18 x 18"	13 x 11"	11 x 7.75"
<b>Platform Options (L x W)</b>	18 x 18"	18 x 18"	13 x 11"	N/A

● Yes

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## Incubating Shaker Selection Guide



Professional 1000MP  
Incubating Microplate Shaker



Professional 1000IC-3  
Incubating/Cooling  
Orbital Shaker



Professional 1000RS  
Incubating Rocking Shaker



Professional 1000WS  
Incubating Waving Shaker

Professional 1000MP Incubating Microplate Shaker	Professional 1000IC-3 Incubating/Cooling Orbital Shaker	Professional 1000RS Incubating Rocking Shaker	Professional 1000WS Incubating Waving Shaker
Ambient +5° to 65°C	10°C Below Ambient to 65°C	Ambient +5° to 65°C	Ambient +5° to 65°C
100 to 1200rpm	100 to 1200rpm	1 to 50rpm	1 to 30rpm
1 second to 160 hours	1 second to 160 hours	1 second to 160 hours	1 second to 160 hours
Orbital	Orbital	Rocking	Waving
3mm	3mm	Tilt Angle: 0 to 15° *	Tilt Angle: 0 to 20° *
4 Microplates / 2 Micro-Tube Rackss	2 Microplates / 2 Modular Blocks	10lbs**	5lbs**
●	●	●	●
—	—	—	—
Triple Eccentric	Triple Eccentric	Cable	Cable
Brushless DC Motor	Brushless DC Motor	Stepper Motor	Stepper Motor
Yes/Displays Last Setting	Yes/Displays Last Setting	Yes/Displays Last Setting	Yes/Displays Last Setting
●	●	●	●
●	●	●	●
—	—	—	—
●	●	●	●
●	●	—	—
—	—	—	—
—	—	—	—
17 x 11 x 7.75"	17.9 x 11 x 10.5"	17 x 11 x 10.5"	17 x 11 x 10.5"
11 x 7.75"	N/A	10 x 7.5"	9.25 x 7.25"
N/A	N/A	N/A	N/A

● Yes

\* Maximum speed/tilt angle may vary with heavy or unbalanced loads.

\*\* Centered on tray.

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