

Incubating & Incubating Cooling Selection Guide



Product Family	Incubating Cooling Thermal Shakers	Incubating Light Duty Orbital Shakers	Incubating Light Duty Orbital Shakers
Model	ISTHBLCTS ISTHBLHTS	ISLD04HDG	ISL, ISLDMPHDG, ISLDMPHDGL
Temperature Range	17 below ambient to 100°C / ambient +4 to 100°C	Ambient +5° to 65°C	Ambient +5° to 65°C
Speed Range	300 to 3000 rpm	100 to 1200 rpm	100 to 1200 rpm
Timer	1 minute to 99 hours, 59 min	1 second to 160 hours	1 second to 160 hours
Motion	Orbital	Orbital	Orbital
Orbit	3 mm	3 mm	3 mm
Max Weight Capacity	1 Block	8 lbs	4 Microplates / 2 Micro-Tube Racks
Audible Alarm	●	●	●
Load Sensor	●	—	—
Drive System	—	Triple Eccentric	Triple Eccentric
Motor Type	Brushless DC Motor	Brushless DC Motor	Brushless DC Motor
Set-Point Retention	● Displays Last Setting	● Displays Last Setting	● Displays Last Setting
Restart/Power Out	●	●	●
Ramp to Speed	●	●	●
Temperature Overshoot Protection	●	—	—
Overload Protection	●	●	●
User Calibration (Temperature)	●	●	●
User Calibration (Speed)	●	—	—
Interface	USB	—	—
Overall Dimensions (L x W xH)	10.25 x 9.75 x 5.2"	17 x 11 x 10.5"	17 x 11 x 7.75"
Included Tray (L x W)	N/A	11 x 7.75"	11 x 7.75"
Platform Options (L x W)	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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Product Family	Incubating Cooling Light Duty Orbital Shakers	Incubating Rocking & Waving Shakers	Incubating Rocking & Waving Shakers
Model	ISICMBCDG	ISRK04HDG	ISWW02HDG
Temperature Range	10°C Below Ambient to 65°C	Ambient +5° to 65°C	Ambient +5° to 65°C
Speed Range	100 to 1200 rpm	1 to 50 rpm	1 to 30 rpm
Timer	1 second to 160 hours	1 second to 160 hours	1 second to 160 hours
Motion	Orbital	Rocking	Waving
Orbit	3 mm	Tilt Angle: 0 to 15° *	Tilt Angle: 0 to 20° *
Max Weight Capacity	2 Microplates 2 Modular Blocks	10 lbs**	5 lbs**
Audible Alarm	●	●	—
Load Sensor	—	—	—
Drive System	Triple Eccentric	Cable	Cable
Motor Type	Brushless DC Motor	Stepper Motor	Stepper Motor
Set-Point Retention	● Displays Last Setting	● Displays Last Setting	● Displays Last Setting
Restart/Power Out	●	●	—
Ramp to Speed	●	●	—
Temperature Overshoot Protection	—	—	—
Overload Protection	●	●	—
User Calibration (Temperature)	—	—	—
User Calibration (Speed)	—	—	—
Interface	—	—	—
Overall Dimensions (L x W x H)	17.9 x 11 x 10.5"	17 x 11 x 10.5"	17 x 11 x 10.5"
Included Tray (L x W)	N/A	10 x 7.5"	9.25 x 7.25"
Platform Options (L x W)	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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