



Intelligent Microplate Incubation

- High performance microplate incubator and orbital shaker
- Control of temperature, RPM, and incubation time
- Capacity of up to four microplates
- Incubation up to 56°C in 1°C steps
- Heating plates above and below the microplates for uniform temperature



THERMOstar - Technical Specifications



Incubation	Incubation range from +8°C above ambient to 45°C (56°C optional)
	1°C steps
	Temperature stability $\pm 0.2^\circ\text{C}$
	Temperature gradient $< 1.0^\circ\text{C}$ across the plate (@ 37°C)
Warming Up Speed	< 20 min from 25°C to 37°C
Shaking	0.7 mm orbit radius
	Shaking range from 120 to 700 rpm
	Timed shaking
	Range: 0 to 18 hours in 1 s steps
	Continuous shaking - no time limit
Capacity	Up to 4 microplates
	Max. microplate dimensions: Width: 8.9 cm, Length: 13.3 cm, Height: 2.3. cm
Power Requirements	115/230 V, 60/50 Hz, max. 90 VA
Dimensions	Width: 33.5 cm, depth: 40.5 cm, height: 17 cm
	Weight: 8.5 kg

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