

Intelligent microplate incubation

The THERMOstar is a high-performance microplate incubator and orbital shaker that can accommodate up to four microplates. It can be used for any enzyme or cell-based assay that requires strictly controlled, uniform incubation up to 56 °C with effective mixing.

- 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

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Incubation	Incubation range from +8 °C above ambient to 45 °C (56 °C optional) in 1 °C steps Temperature stability ± 0.2 °C Temperature gradient < 1.0 °C across the plate
Set point time	< 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 100 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
Humidity	Max. 85 %
Power requirements	115/230 V, 60/50 Hz, max. 90 VA
Dimensions	Width: 33.5 cm, depth: 40.5 cm, height: 17 cm Weight: 9 kg

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