

Bio-Rad DNA Engine Tetrad 2 Peltier Thermal Cycler



220V; 4 independent bays; 96-well Alpha unit for 0.2 mL tubes or microplates

Rating: Not Rated Yet

Price

Sales price \$4,500.00

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Manufacturer [BioRad](#)

Description

The Bio-Rad DNA Engine Tetrad 2 Peltier Thermal Cycler (Model ALS1296G refers to the associated 96-well Alpha unit block) is a versatile, multi-bay thermal cycler designed for high-throughput PCR applications in molecular biology. It features four independent bays, each supporting swappable sample blocks (e.g., 96-well format), powered by precise Peltier heat pumps for rapid and accurate temperature control. This system allows simultaneous running of up to four different protocols, making it ideal for labs requiring flexibility and efficiency in DNA amplification tasks.

Specifications

Type: Peltier-based multi-bay thermal cycler for PCR

Number of Bays: 4 independent bays

Sample Block (Model ALS1296G): 96-well Alpha unit for 0.2 mL tubes or microplates

Temperature Range: 0 °C to 105 °C

Temperature Accuracy: ± 0.3 °C at 90 °C

Temperature Uniformity: ± 0.4 °C within wells (at 90 °C within 30 seconds)

Max. Ramp Rate: Up to 3 °C/second

Max. Programs: Up to 1000 typical programs

Control Interface: Graphical interface with color display and mouse control

Dimensions: 470 mm (W) x 610 mm (D) x 210 mm (H)

Thermal Cyclers: Bio-Rad DNA Engine Tetrad 2 Peltier Thermal Cyclers

Weight: 34.4 kg

Key Features: Interchangeable blocks for format flexibility; NIST-traceable accuracy; Simultaneous independent protocols per bay

Comes with our 90-day warranty.

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