

PepAxis-Atlas 4 Peptide Synthesizer Product Catalog



PepAxis-Atlas 4 Pilot-Scale Dual-Channel Peptide Synthesizer



PepAxis-Atlas 4

Number of Channels: 2

Reactor Volume: 0.5–2 L

Amino Acid Positions: 10

Synthesis Scale: 2–25 mmol

Dimensions (W × D × H): 108 cm × 62 cm × 90.5 cm

Atlas 4 (formerly 286 Max) is a dual-channel synthesis system specifically designed for pilot-scale applications. It is capable of simultaneously synthesizing two different peptide sequences, effectively improving R&D efficiency. The system supports both synchronous activation and pre-activation modes, enabling flexible adaptation to various synthesis process requirements. It adopts quantitative weighing and full-transfer technology combined with a 1 mL precision liquid dosing system. While ensuring efficient reaction control, it significantly reduces reagent waste, making it a reliable choice for pilot process development and small-to-medium scale synthesis.

PepAxis-Atlas 4 Peptide Synthesizer

Technical Specifications

Temperature Control Method: Water bath heating

Amino Acid Bottles: 10 positions, 250 mL each

Solvent Positions: 5

Solvent Reservoirs: 20 L, 50 L

Mixing Mode: 180° vertical inversion mechanical stirring

Power Supply: 110/220 V, 50/60 Hz

Weight: 87 kg

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