

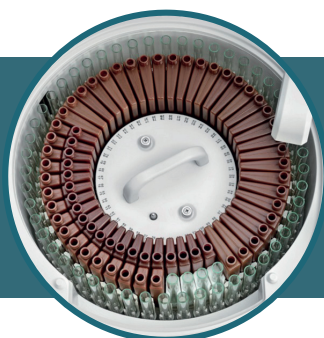


Audmax-240_i

Benchtop automatic analyzer with random access, optional ISE module, on-board hemolysis and clot sensor.



Speed and high throughput. Biochemical and turbidimetric analyzer with a throughput of up to 240 photometric tests per hour and up to 400 tests per hour when combined with the ISE module (optional). Refrigerated reagent tray with a capacity of up to 100 reagent positions, featuring a built-in barcode reader (optional). Integrated random access for routine and emergency analyses (STAT).



Efficiency and cost-effectiveness. Only 100µL is required per run, ensuring higher reagent efficiency. The reagents are also available in dedicated bottles. The tray is customizable, allowing positions to be switched between samples and reagents, providing greater flexibility and optimization to the workflow.



Safety and lower risk of carryover contamination. Efficient cleaning through automatic cuvette washing in eight stages, using preheated water and a cleaning solution.

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Model Specifications

July/2026

Rated speed	• Up to 240 photometric tests per hour • Up to 400 tests when combined with the ISE module (optional)
Reagents	• Barcode reader • Up to 100 positions • Refrigerated tray • Aspiration volume R1: 100 to 200 μL (with 0.5 μL increments) • Aspiration volume R2: 10 to 200 μL (with 0.5 μL increments) • Reagent level detection system • Probe with horizontal and vertical clog detection • Container capacity: 20 mL and 40 mL
Samples	• Barcode reader • Up to 100 sample positions • Sample aspiration volume: 2 to 35 μL (with 0.1 μL increments) • Sample level detection system
Reaction	• 80 reusable optical plastic cuvettes • Reaction volume: 100 to 360 μL • Fixed cycle time: 15 seconds • Heating mode: air bath
Methodologies	• Kinetic and endpoint • Biochemistry and turbidimetry tests • Linear and non-linear calibration • Automatic preparation of hemolysate for HbA1c
Photometric System	• Photometer with concave holographic gratings 12 different wavelengths (340 to 800 nm) • Bichromatic reading • Halogen light bulb
Washing System	• Automatic washing of reaction cuvettes • 8 washing phases using cleaning solution and preheated water • Water consumption: $\leq$ 6.5 L/h
Homogenization System	Standalone mixer
Pipetting System	• Probe for pipetting reagents and samples • Level detector for samples and reagents
Quality Control	Westgard Multirules and the Levey-Jennings Chart
ISE	• Optional module (Sodium, Potassium and Chloride) • Throughput: 160 tests per hour
Interface System	Bidirectional LIS available
Software	Windows
Size (HxWxD)	55 x 86 x 66 cm
Weight	~ 115 kg

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