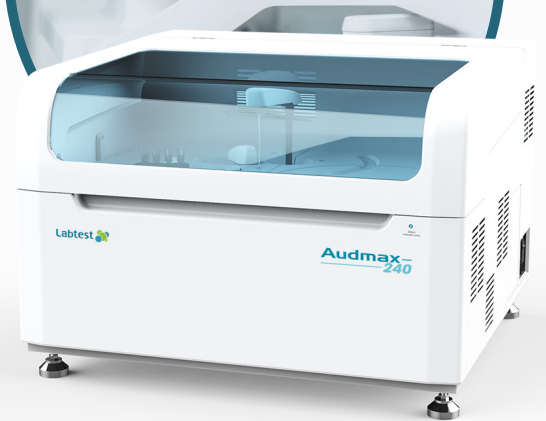




Audmax-240

Compact bench-top biochemistry analyzer, with randomized access and on-board hemolysis for HbA1c tests.



High productivity and randomized access. Clinical chemistry analyzer with speed of 240 photometric tests/hour and 480 tests/hour combined with ISE module (optional), promoting fastness in routine execution. Capacity of up to 80 positions of reagents with coupled barcode reader (optional). Integrated randomized access for routine and emergency analyses.



Efficiency and economy. Only requires 100 μ L for reaction, promoting a higher yield of the reagents. Automatic and efficient washing of 56 reaction cuvettes. Low water consumption, only 3 Liters/hour, more economy for routine.



Quality and safety in results. Possibility of on-board execution of HbA1c hemolyzed. Quality control with Westgard rules and Levey-Jennings charts, simplifying internal quality control management. Automatic verification of reaction cuvette quality.

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Model Specifications

December/2023

Nominal speed	<ul style="list-style-type: none"> • 240 photometric tests/hour • 480 tests when combined with ISE module (optional)
Reagents	<ul style="list-style-type: none"> • Optional barcode reader • Up to 80 positions • Refrigerated tray • Aspiration volume: 10 to 300 µL (interval of 0.1 µL) • Recipient: 20 mL e 70 mL
Samples	<ul style="list-style-type: none"> • Barcode reader • 40 positions for samples • Aspiration volume: 2 to 35 µL • Suggested test tubes: Ø12~13 x 75~100 mm
Reaction	<ul style="list-style-type: none"> • 56 reusable optical plastic cuvettes • Reaction volume: 100 to 360 µL • Fixed Cycle: 15 seconds • Total reaction time: 12 minutes
Methodologies	<ul style="list-style-type: none"> • Kinetics and Endpoint • Biochemistry and Turbidimetry Tests • Linear and non-linear calibration • Automatic preparation of hemolyzed for HbA1c.
Photometric system	<ul style="list-style-type: none"> • Photometry with diffraction grating with 12 different wavelength (340 to 800 nm) • Bichromatic reading • Halogen lamp
Washing system	<ul style="list-style-type: none"> • Automatic washing of reaction cuvettes • Uses alkaline solution and water • Washing the probes internally and externally with water • Water consumption: 3 L/h
Homogenization system	Mixer
Pipetting system	<ul style="list-style-type: none"> • Probe for pipetting of reagents and samples • Level detector for samples and reagents
Quality Control	Westgard Rules and Levey-Jennings Charts
ISE	<ul style="list-style-type: none"> • Optional Module (Sodium, Potassium and Chloride) • Speed 240 tests/hour
Interface system	RJ45
Software	Windows
Dimensions (H x L x W)	53 x 70,3 x 74,4 cm
Weight	100 kg