

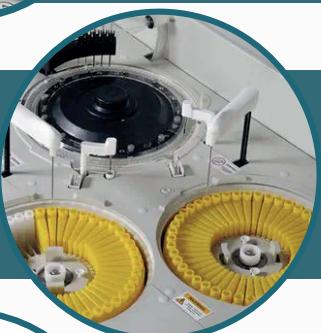


Audmax- 400

Floor-standing analyzer with possible insertion of ISE module with on-board preparation function of hemolyzed for HbA1c.



Time-saving and reliability. Constant speed of 400 tests/hour with optional ISE, adding maximum speed of 800 tests/hour. Individualized probes for reagent and samples, with homogenization per mixer. Randomized access with 115 sample positions and level sensor in probes of sample and reagents, granting more sensitivity and minimizing bubble interference.



Versatility and dynamism for higher convenience. Reagent tray with two discs, adding up to 67 reagent positions in R1 disc and 45 reagent positions in R2. It accommodates primary tubes and specific cuvettes, enabling the use of samples with reduced volume.



Excellent performance and precision. Automatic checking of reaction cuvettes, assuring proper cleaning. Efficient washing of cuvettes. 12 wavelength (340 to 800 nm). On-board preparation function of hemolyzed for HbA1c, without the need of sample centrifugation. Consumption of water of approximately 25 liters/hour.

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Model Specifications

May/2023

Nominal speed	<ul style="list-style-type: none"> • 400 photometric tests/hour • 800 tests when combined with ISE module (optional)
Reagents	<ul style="list-style-type: none"> • Barcode reader • R1: 67 positions and R2: 45 positions • Refrigerated tray • Aspiration volume: 20 to 350 μL • Recipient: 20 mL e 70 mL • Protection against probe collision
Samples	<ul style="list-style-type: none"> • Optional barcode reader • Up to 115 positions • Aspiration volume: 1.5 to 35 μL • Protection against probe collision • Suggested test tubes: Φ10~13 x 75~100 mm
Reaction	<ul style="list-style-type: none"> • 20 reaction cuvettes • Reaction volume: 120 to 450 μL • Fixed Cycle: 15 seconds
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 • Photometry with diffraction grating with 12 different wavelength (340 to 800 nm) • Bichromatic reading • Halogen lamp
Photometric system	<ul style="list-style-type: none"> • Automatic washing of reaction cuvettes • Use of alkaline solution • Washing the probes internally and externally • Water consumption: 25 L/h
Washing system	
Homogenization system	Mixer
Pipetting system	<ul style="list-style-type: none"> • Independent and exclusive probes for R1 and R2 samples • Level detector for samples and reagents
ISE	<ul style="list-style-type: none"> • Optional Module (Sodium, Potassium and Chloride) • Speed 400 tests/hour
Interface system	RJ45
Software	Windows
Dimensions (HxLxW)	115 x 79 x 106 cm
Peso	300 kg

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Commercial team.

