



Audmax- 360

Biochemistry analyzer with compact design, high sampling capacity and on-board preparation for hemolyzed HbA1c test.



Agility and efficiency in routine. Speed of 360 photometric test/h and possibility of up to 540 tests with insertion of ISE module (optional). Performing on-board HbA1c hemolysate, assuring a higher practicability and safety for your laboratory.



High capacity of on-board reagents. High capacity of simultaneous reagents in tray: Up to 100 interchangeable positions of reagents, granting more autonomy to routine execution. 20 mL or 40 mL reagent vials. Detection of vertical obstruction and level monitoring of sample and reagent.



Low consumption and practicality in insertion of samples. Minimum reaction volume 100 µL. Easy insertion and removal of samples, and randomized execution of emergency samples. Automatic washing of cuvettes, efficient in 8 phases.

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Model Specifications

May/2023

Nominal speed	<ul style="list-style-type: none"> Up to 360 photometric tests/hour Up to 540 tests when combined with ISE module (optional)
Reagents	<ul style="list-style-type: none"> Optional barcode reader Up to 100 positions Refrigerated tray R1 aspiration volume: 100 to 200 µL (interval of 0.5 µL) R2 aspiration volume: 10 to 200 µL (interval of 0.5 µL) Protection against probe collision
Samples	<ul style="list-style-type: none"> Optional barcode reader Up to 100 positions Aspiration volume: 2 to 35 µL (interval of 0.1 µL) Protection against probe collision Suggested test tubes: Ø12~13 x 68.5~100 mm
Reaction	<ul style="list-style-type: none"> 80 reaction cuvettes Minimum reaction volume: 100 to 360 µL Fixed Cycle: 10 seconds
Methodologies	<ul style="list-style-type: none"> Endpoint, kinetic and fixed time reactions 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: ≤ 6.5 L/h
Homogenization system	Mixer
Pipetting system	<ul style="list-style-type: none"> Probe for adding sample and reagent Level detector for samples and reagents
Quality Control	Westgard Rules and Levey-Jennings Charts
ISE	Optional module (Sodium, Potassium and Chloride)
Interface system	RS-232
Software	Windows
Dimensions (HxLxW)	55 x 86 x 66 cm
Weight	115 kg

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