



Audmax- 600

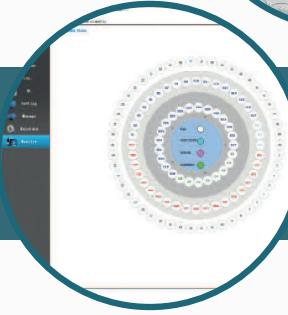
High performance and low consumption automatic analyzer for biochemistry and immunoturbidimetric tests, with on-board preparation of hemolyzed for HbA1c tests.



Productivity and Flexibility. Nominal speed of 600 photometric tests/hour; 1000 tests/hour when combined with ISE (optional). Featuring 12 refrigerated positions for reagents. Barcode reader for samples and reagents, speeding up laboratory routine.



Practical and Accessible. Featuring on-board hemolysis for conducting HbA1c tests without pre-treatment of sample. Software was developed for Windows, offering a friendly, functional and easy-to-navigate interface. Real-time display of analytical runs.



Economy and reliability. Audmax 600 operates with reduced reaction volume (minimum 120 uL). Quality Control using Westgard Rules, proving reliable results. High sensitivity for level detection of the liquid avoids bubble interference and optimizes routine.

Audmax- 600

Model Specifications

December/2023

Nominal speed	<ul style="list-style-type: none"> • 600 photometric tests/hour • 1000 tests when combined with ISE module (optional)
Reagents	<ul style="list-style-type: none"> • 2 barcode readers • Up to 112 positions • Refrigerated tray • Aspiration volume: 20 to 350 μL • Recipient: 20 mL and 70 mL • Protection against probe collision
Samples	<ul style="list-style-type: none"> • Barcode reader • 115 positions for samples, controls, calibrators and detergents • Aspiration volume: 1.5 to 35 μL (interval of 0.1 μL) • Clotting detection • Protection against probe collision • Suggested test tubes: Φ10~13 x 75~100 mm • 120 reusable optical plastic cuvettes • Reaction volume: 120 to 450 μL • Fixed Cycle: 12 seconds • Total reaction time: 10 minutes • 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
Reaction	
Methodologies	
Photometric system	
Washing system	<ul style="list-style-type: none"> • Automatic washing of reaction cuvettes • Uses alkaline solution and water • Washing of internal probes and externally with water • Water consumption: 25 L/h
Homogenization system	Use of two homogenizers
Pipetting system	<ul style="list-style-type: none"> • Independent and exclusive probes for R1, R2 and 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
Weight	~ 300 kg

