

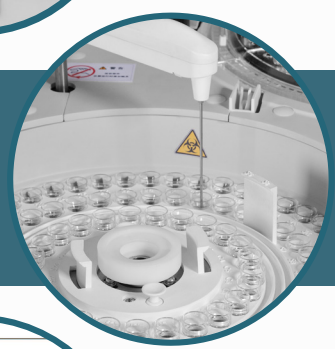


Audmax-600

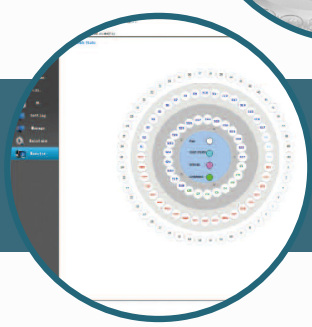
High performance and low consumption automatic analyzer for biochemistry and immunoturbidimetric tests, with on-board preparation of hemolyzed for HbA1c tests.



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

| | |
|------------------------------|---|
| 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: Ø10~13 x 75~100 mm |
| Reaction | <ul style="list-style-type: none"> • 120 reusable optical plastic cuvettes • Reaction volume: 120 to 450 µL • Fixed Cycle: 12 seconds • Total reaction time: 10 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 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 |