

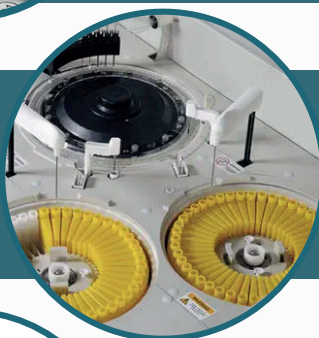


Audmax-400

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.

Audmax-400

Model Specifications

May/2023

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| 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: Ø10~13 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 |
| 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 • Use of alkaline solution • Washing the probes internally and externally • Water consumption: 25 L/h |
| 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 |

