

METROLAB 2300 PLUS

FULLY AUTOMATIC RANDOM ACCESS CLINICAL ANALYZER



A new autoanalyzer's generation offers a flexible solution with optimal throughput and low water consumption. Robust and user-friendly, Metrolab 2300 PLUS operates with a leading edge software.



METROLAB

Technical Features

Throughput: up to 230 tests/hour

Reagent Tray:

48 reagent positions
Peltier cooling system: up to 12°C below Room Temperature (RT)
20, 30 and 50 mL vials
Programmable volume: R1: 0-700 µL; R2: 0-450 µL
Standard reagent volume: 200 µL

Sample Tray:

48 sample positions
Primary tubes or sample cups
Sample volume: 2-100 µL

Dispensing System:

Dilutor with a 500 mL Klohen® valve
Thermostated probe
Level detection by high frequency capacitive device
Collision sensor

Reaction Tray:

80 washable cuvettes with 0.6 cm optical path length
Minimum reading volume: 200 µL
Heating system with air circulation (30°C and 37°C)

Washing System:

Fully automatic 5-step washing and drying system
Water consumption: < 1 Lt/hour

Optics:

True double beam optical system
Interference filters: 340, 405, 505, 550, 570, 590, 650, 700 and 767 nm (380 or 450 nm optional)
Band width: 10 nm
Range: -0.1 -3.6 Abs.
Halogen lamp: 6V-20W

Operation Mode:

Random Access
Routine - Stat - Batch - Profiles

Analytical Mode:

End Point, reagent or sample blank end point, kinetics, 2-point kinetics, fixed-time kinetics
Factor, Standard and Curve
Mono-and bichromatic calculations

Data Management:

"State of the art" external PC ; external printer
Software under Windows™ XP/7/8

Installation Requirements:

Power supply: 85 -240 VAC +/- 10% 43/65 Hz- 400 VA; Autoswitch.
Room Temperature: Room Temperature: 15-30°C; humidity <80%; atmosphere 750-1060 Hpa
Dimensions: 85 cm (W); 47 cm (H); 58 cm (D)
Total weight: 94 kg ; Net weight: 59 kg

