

# 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.



## 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



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