DRACA 150

DRACA **150**

FULLY AUTOMATED ANALYZER

DISCRETE RANDOM ACCESS

AUTOMATED CHEMISTRY ANALYZER

GENERAL INFORMATION

Machine Type	Random Access
Test Speed	150 Test/Hour
Test Principle	Colorimetric & Turbidimetry
Test Method	1 Point End, 2 Point End, Fixed-Time, Kinetic
Calibration Type	Linear & Nonlinear

MIXING SYSTEM

Paddle -type Mixing, effective reducing of Carry-over

OPTICAL SYSTEM

Light Source	Halogen Lamp
Wavelength	340nm; 405nm;450nm; 505nm; 546nm; 578nm; 630nm; 700nm (4 More Optional)
Absorbance Range	0-4.0 Abs
Resolution	0.0001 Abs-4.0 Abs

REAGENT UNIT

Reagent Tray	38 Reagent Position (19 for R1 & 19 for R2), Non-Stop Cooling System with Peltier Pad inside, 24 Hours 2°C - 14°C.
Reagent Volume	20-300µl, Step by 1µl
Reagent Needle	Liquid Surface Detection, Timely Tracking for Liquid Volume. Collision Avoidance.

REACTION UNIT

Reaction tray	44 Reaction Cuvettes, New Amorphous Optical Plastics Reaction Cups for Perfect Transmittance.
Reaction Volume	50µl-330µl
Reaction Time	10 Minutes
Temperature	Peltier Pad Incubation System, Reaction Temperature (37°C ± 0.1°C)

WORKING CONDITION

Power Supply	AC 110/220V ± 10%, 50/60 Hz, 650W
Water Consumption	8L/Hour (Maximum)
Dimension	870mm * 690mm * 740mm(L*W*H)
Weight	80kg

SAMPLE UNIT

Sample Tray	40 Sample Positions
Sample Tube	Micro Cup, Test Tube & Blood Collection Tube Can Be Used. (φ 12-13)mm * (25-100)mm
Sample Volume	2-30µL,Step by 0.1µL
Sample Probe	Liquid Surface Detection, Timely Tracking For Liquid Volume and Collision Avoidance.
Sample Barcode	Sample Barcode Reader (Optional)

OPERATING SYSTEM

Operation System	Windows XP, Windows 7, Windows 8, Windows 10
Data Processing	Automatic Calibration Test Combination,

DATA PROCESSING

Automatic Calibration Test Combination, Effective Time Management of Reagents, Serum Index, Whole Process Detection, Linear Expansion of Enzyme, Blank Deduction, Dirty Cuvette Memory, Cross Infection Prevention, Patient Information Memory and Association Input, Automatic Report Audit, Data Fuzzy Query, Report Statistics and Printing, Reference Range Grading, Alarm Information Classification, User Operation Privilege Classification Management.