



AUTO CHEMISTRY ANALYZER

LACA-A21

Auto Chemistry Analyzer LACA-A21 is a bench top, fully automated chemistry analyzer with a throughput of 200 tests per hour. This is an ideal chemistry analyzer for mid to high volume hospitals and laboratories with an increased-on board testing, reduced sample volume and easy operation for laboratories around the world. The user-friendly interface provides a long-life platform for analytical excellence. This system includes reagents, controls and calibrators along with standardized test menus, assay protocols, instrument processes and reference ranges that reduce operator variation and provide consistent quality results.

Features

- ❑ Intelligent software
- ❑ High quality components
- ❑ Uninterrupted workflow
- ❑ Inventory management
- ❑ Cost effective operation
- ❑ Crash and collision detection
- ❑ Robust testing capabilities
- ❑ Efficient reagent and consumable use
- ❑ Simplify operations with user friendly graphical user interface design and touch-screen monitor
- ❑ Refrigerated tray with independent switch

Application

This device is used in many Biology and Histopathology Laboratories to extract the serum, plasma, urine or any other body fluid, Research institutes etc.

Technical Specifications

Model	LACA-A21
Throughput	200 tests/hour
Sample Volume	2 to 70 µl
Reagent Volume	20 to 350 µl
Sample Positions	49 sample positions

Reagent Positions	56 reagent positions
Wavelength	340,405,450,510,546,578,630,700nm
Absorbance	0~3.0Abs
Humidity	30 to 80%
Probe Washing	Automatic washing interior and exterior
Reagent Cooling	Refrigerated tray with independent switch
Cuvettes	120 reusable cuvettes, optical length 6mm
Mixed Probe	Independent stirring
STAT Function	YES
Light Source	12V/30W halogen lamp
Spectrophotometry	Post-spectral spectrophotometry
Calibration	Linear: K factor, 1-point, 2-point and multipoint linear Non-Linear: Spline, Polygon, Index, Logarithm, Logit-4P,Logit-5
Quality Control	Real-time QC, Westward multi rule, Cumulative sum check, Twi Plot(2D)
Software	Windows 7/8/10, LIS system available
LIS System	Bi-direction, support HL7 protocol
Interface	LAN port access
Printer	External, multiple reporting mode available
Temperature	10 to 30°C
Temperature Control	37±0.1°C, real-time monitor
Water Consumption	Deionized water: 5L/H
Power Supply	AC220V±10%, 60/50Hz,, 110V±10%, 60Hz, 300W
External Dimension (W×D×H)	950x612x510 mm
Package Dimension (W×D×H)	1118x728x1151 mm
Net Weight	75 kg
Gross Weight	130 kg