



AUTO CHEMISTRY ANALYZER

LACA-A20

Auto Chemistry Analyzer LACA-A20 is a bench-top, completely automated chemistry analyzer with a throughput of 200 tests per hour. With expanded on-board testing, reduced sample volume, and simple operation, this is a suitable chemical analyzer for low to mid-volume hospitals and laboratories worldwide. The easy-to-use interface provides a long-term basis for analytical performance. This system contains standardized test menus, assay methods, instrument operations, and reference ranges, all of which limit operator variation and offer 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-A20
Throughput	200 tests/hour
Sample Volume	2 to 70 μ l
Reagent Volume	20 to 350 μ l
Sample Positions	37 sample positions

Reagent Positions	28 reagent positions
Absorbance	0~3.0 Abs
Humidity	30 to 80%
Washing	Automatic cuvettes washing
Probe Washing	Automatic washing interior and exterior
Reagent Cooling	Refrigerated tray with independent switch
Cuvettes	48 reusable cuvettes, optical length 6mm
Mixed Probe	Independent stirring
STAT Function	YES
Light Source	6V/10W 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, Twin Plot(2D)
Software	Windows 7/8/10, 32 or 64bit
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: 5 L/H
Power Supply	AC220V±10%, 60/50Hz,, 110V±10%, 60Hz, 300W
External Dimension (W×D×H)	625×425×460 mm
Package Dimension (W×D×H)	721×531×855 mm
Net Weight	36 kg
Gross Weight	55 kg