



# **AUTO CHEMISTRY ANALYZER**

## **LD-LACA-A10**

Auto Chemistry Analyzer LD-LACA-A10 is a benchtop analyzer that can perform 400 tests per hour. With expanded on-board testing, reduced sample volume, and simple operation, this is a perfect chemical analyzer for low to mid-volume hospitals and laboratories around the world. The convenient interface provides a long-term basis for analytical expertise. This system contains standard 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

### Applications:

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

### Specifications:

Model No.	LD-LACA-A10
Throughput	400 tests/hour
Sample Volume	2 to 70 $\mu$ l
Reagent Volume	20 to 350 $\mu$ l
Sample Positions	60/90 sample positions
Reagent Positions	45 reagent positions
Wavelength	340, 405, 450, 510, 546, 578, 630, 700 nm
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	120 reusable cuvettes, optical length 6 mm
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, 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: 12L/H
Power Supply	AC220V±10%, 60/50Hz,, 110V±10%, 60Hz, 300W
External Dimension (W×D×H)	1167×780×1016 mm
Package Dimension (W×D×H)	1348×928×1399 mm
Net Weight	193 kg
Gross Weight	267 kg