



AUTO CHEMISTRY ANALYZER

LACA-A11

Auto Chemistry Analyzer LACA-A11 is a bench top, fully automated chemistry analyzer with a throughput of 600 tests per hour which is designed to meet the requirements of a wide range of customers with flexible analyzer enabling easy addition of new methods. It is possible to program and store almost unlimited number of protocols, arranged on a panel drawn up the user according to the needs. The user-friendly interface provides a long life platform for analytical excellence. This system includes reagents, controls and calibrators where execution is pure random access with the possibility to choose the batch mode.

Features

- ❑ Programmable automatic stand-by and wake-up functionalities
- ❑ 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
- ❑ Built-in barcode scanner
- ❑ 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-A11
Throughput	600 tests/hour
Sample Volume	2 to 70 µl

Reagent Volume	20 to 350 µl
Sample Positions	90 sample positions
Reagent Positions	180 refrigerated reagent positions
Wavelength	340,405,450,510,546,578,630,700nm
Absorbance	0~3.0 Abs
Humidity	30 to 80%
Washing	Automatic cuvettes washing
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	1-point, 2-point and multi-point factor, spline, Logit-4P, Logit-5P
Quality Control	Inserting quality control at random
Software	Windows 7/8/10
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: 15L/H
Power Supply	AC220V±10%, 60/50Hz,, 110V±10%, 60Hz, 750W
External Dimension (W×D×H)	1167×780×1016 mm
Net Weight	216 kg
Package Dimension (W×D×H)	1348×928×1399 mm
Gross Weight	290 kg