



Automatic Chemistry Analyzer LD-LACA-A30

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Overview

Auto Chemistry Analyzer LD-LACA-A30 is a benchtop, fully automated chemistry analyzer with a throughput of 1200 tests per hour. It is designed to suit the needs of a diverse variety of clients, with a versatile analyzer that allows for the quick addition of new techniques. It is possible to programme and save an almost infinite number of protocols, which are organized on a user-defined panel. The user-friendly interface ensures that the basis for analytical brilliance lasts a long time. This system consists of reagents, controllers, and calibrators, and its execution is random access with the option of 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

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:

Probe	Teflon coating with anti-collision and Liquid level detection function
Printer	External, multiple reporting mode available
Washing	Automatic cuvettes washing
Cuvettes	160 reusable cuvettes, optical length 6mm
Humidity	30 to 80%
Software	Windows 7/8/10, 32 or 64bit
Interface	LAN port access
Absorbance	-0.3~3.3 Abs
LIS System	Bi-direction, support HL7 protocol

Net Weight	286 kg
Throughput	800 tests/hour, 1200 tests/hour with ISE
Wavelength	340 to 800 nm
Calibration	Linear: K factor, 1-point, 2-point and multipoint linear Non-Linear: Spline, Polygon, Index, Logarithm, Logit-4P, Logit-5
Mixed Probe	Independent stirring
Temperature	10 to 30°C
Gross Weight	390 kg
Light Source	12V/20W halogen lamp/fiber brag
Power Supply	AC220V±10%, 60/50Hz., 110V±10%, 60Hz, 1500 W
Probe Washing	Automatic washing interior and exterior
Sample Volume	2 to 70 µl
Stat Function	Yes
Reagent Volume	20 to 350 µl
Analysis Method	End-point, Fixed-time, Rate(Kinetic)
Quality Control	Real-time QC, Westward multi rule, Cumulative sum check, Twin Plot(2D)
Reagent Cooling	Refrigerated tray with independent switch
Sample Positions	150 sample positions
Reagent Positions	180 refrigerated reagent positions
Spectrophotometry	Post-spectral spectrophotometry
Water Consumption	Deionized water: 20L/H
Temperature Control	37±0.1°C, real time monitor
Package Dimension (WxDxH)	1348x928x1399 mm
External Dimension (WxDxH)	1360x791x1157 mm