

LABdex



Automatic Biochemistry Analyzer LX100ABA

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Description:

Automatic biochemistry analyzer LX100ABA is completely automated benchtop chemistry analyzer with a throughput of 200 tests per hour. Designed with expanded on-board testing, reduced sample volume, and simple operation, this is a suitable biochemical analyzer for low to mid-volume hospitals and laboratories worldwide. It has 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.

Specifications :

Throughput	200 Tests/hour
Analysis Method	End-point, Fixed-time, Rate(Kinetic)
Sample Positions	37 sample positions
Reagent Position	28 reagent positions
Sample Volume	2-7 μ l
Reagent Volume	20-350 μ l
Probe	Teflon coating, with anti-collision function, liquid level detection function
Probe Washing	Automatic washing interior and exterior
Reagent Cooling	Refrigerated tray with independent switch
Temperature Control	37+0.2°C, real-time monitoring

Cuvettes	48 reusable cuvettes, optical length 6mm
Light Source	6V/10W halogen lamp
Spectrophotometry	Post-spectral spectrophotometry
Wavelength	340, 405, 450, 480, 505, 546, 570, 600, 630, 700, 750, 800 nm
Absorbance	0-3.0Abs
Calibration	Linear:K factor, 1-point ,2-point and multipoint linear Non-Linear:Spline,Polygon, Index, Ogarithm, Logit-4P, Logit-5P
Quality Control	Real-time QC, Westgard 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
Power Supply	AC220V±10%,50/60Hz, 110V±10%,60Hz, 300W
Temperature	15~30℃
Water Consumption	Deionized water:□5L/H
Humidity	40-85%
External Size (W x D x H)	625 x 425 x 460 mm
Package Size (W x D x H)	728 x 530 x 854 mm
Gross Weight	60 kgs

Features :

- ❑ Designed with uninterrupted workflow
- ❑ Refrigerated tray with independent switch
- ❑ Crash and collision detection
- ❑ It has intelligent software
- ❑ Robust testing capabilities
- ❑ Efficient reagent and consumable use
- ❑ Simplify operations with user friendly graphical user interface design and touch-screen monitor

Applications :

Automatic biochemistry analyzer used in many biology and histopathology laboratories to extract the serum, plasma, urine or any other body fluid, Research institutes etc.

Optional accessories :

Printer

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