



***SEMI-AUTOMATIC BIO-CHEMISTRY
ANALYZER LSBA-A21***

SEMI-AUTOMATIC BIO-CHEMISTRY ANALYZER LSBA-A21

Semi-automatic Bio-chemistry Analyzer LSBA-A21 is also known as chemistry analyzer, semi-automated and high performance analyzer offers photometric range from 0 to +3.0 OD with 3 level temperature range along with temperature accuracy of $\pm 0.1^{\circ}\text{C}$. Incorporated with excellent QC function with large memory. Equipped with different wavelengths such as 340 nm, 405 nm, 492 nm, 510 nm, 546 nm, 578 nm, 620nm with accuracy of $\pm 2\text{nm}$. Built-in thermal printer with Real time graph display.

FEATURES

- Test mode: flow through cell
- External keyboard or mouse support via USB
- User-friendly interface and multi-language operation software
- 7 inch back illuminated color touch panel; LCD display with in-built thermal printer
- Halogen lamp as light source with long life span
- Easy to use with low maintenance

APPLICATIONS

Semi-automatic Bio-chemistry Analyzer is used across molecular biology, biotechnology, immunology, microbiology, routine biochemistry, hormonal assay, electrolytes, therapeutic drugs and drug-enzyme investigations.

SPECIFICATION

<u>Model</u>	<u>LSBA-A21</u>
Measuring System	Method: Absorbance, End Point, Fixed Time, Rate, Sample Blank, Multi Standard, Two point Non Linear, and Sample Blank Non Linear
	Photometric linearity: $\pm 2\%$ (0 to 3.000 OD)
	Photometric accuracy: $\pm 1\%$ (0 to 3.000 OD)
	Carry over: $\leq 1\%$
Photometric System	Light source: 6 V, 10 W halogen lamp; standby function
	Filters: 340 nm, 405 nm, 492 nm, 510 nm, 546 nm, 578 nm, 620 nm and 2 more open filter positions (on request)
	Wavelength Accuracy: ± 2 nm
Thermostatic Control	Temperature: 25°C, 30°C, 37°C
	Precision: $\pm 0.1^\circ\text{C}$
Drift	< 0.005 OD/hr
Reading Cuvette	Flow through cell cuvette
Measuring Volume	450 μl to 500 μl
Test Menu offered	T.BILI, r-GT/GGT, Ca, APOB-1/B, CHE, D.BILI, ALP/AKP, TG, CL, APOB, CREA, TP, UREA, CK, P, CK-MB, Mg, ALB, LDH, C, ASO, AFU, Lactic Acid, ALT/GPT, UA, α -HBDH, CO ₂ , FMN, LP(a), AST/GOT, GLU, AMY, LDL-C, HDL-C, LA, TBA, ADA, HS-CRP, PA, Fe, Cu, Zn, C ₃ , C ₄ , IgG, IgM, IgA and drug, toxicity etc.
Quality Control	QC function with displaying and printing
Display	Back illuminated color touch panel; LCD display
Storage	Over 200 programs, 1000 test results
Printer	Built-in thermal printer
Interface	RS-232, USB
Power Supply	AC 110 V/ 60 Hz or 220 V/50 Hz
Dimension (WxDxH)	340x380x180 mm
Weight	7 kg