



Semi Automatic Biochemistry Analyzer LD-LSBA-A20

Labodam Equipment Ltd.

info@labodam.com | www.labodam.com

Semi Automatic Biochemistry Analyzer LD-LSBA-A20

Overview

Semi-automatic Bio-chemistry Analyzer LD-LSBA-A20 also known as chemistry analyzer is a compact, semi-automated and high performance analyzer comprises 8 assay modes 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, 620 nm with accuracy of $\pm 2\text{nm}$. Built-in thermal printer with Real time graph display.

Features:

- Two test mode: flow-cell or cuvette
- Supports bi-chromatic tests for end point, fixed-time, kinetics methods
- 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
- 20 incubating positions
- Equipped with both Monochromatic & Bi-chromatic measurement with 6 filters and 2 free positions
- 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.

Specifications:

Drift	<0.005 OD/hr
Weight	8 kg
Display	Back illuminated color touch panel; LCD display
Printer	Built-in thermal printer
Storage	Over 200 programs, 1000 test results
Interface	RS-232, USB
Power Supply	AC 110 V/ 60 Hz or 220 V/50 Hz
Quality Control	QC function with displaying and printing
Reading Cuvette	Cell and Direct reading cuvette

Measuring System	Measuring Range: 0 to 3.0 OD; 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: $\leq 1\%$
Measuring Volume	200 μ l to 800 μ l
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.
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
Dimension (WxDxH)	340x380x180 mm
Incubating positions	20 incubation positions
Thermostatic Control	Temperature: 25°C, 30°C, 37°C; Precision: ± 0.1 °C