



**SEMI-AUTOMATED
CHEMISTRY ANALYZER
LD-LSCA-A10**

Semi-Automated Chemistry Analyzer LD-LSCA-A10 is a compact and table-top unit comprised with quartz reading cuvette, offers filter wavelength of 304 nm, 405 nm, 450 nm, 510 nm, 546 nm, 578 nm, 630 nm and 2 open filter positions. Designed with touch screen display, built-in thermal printer, and halogen illumination, features 0 to 3.500 OD of measuring range with <0.005 OD of drift. Equipped with QC function and 20 incubating positions, offers RT, 25°C, 30°C and 37°C of incubator temperature with large memory for data storage. With one button operation and assays for end point, kinetic, fixed time, etc., offers real time graph display and printing, and supports RS232 and USB interface for convenient data processing.

Features:

- A compact and table-top unit comprised with quartz reading cuvette
- Filter wavelength of 304 nm, 405 nm, 450 nm, 510 nm, 546 nm, 578 nm, 630 nm and 2 open filter positions
- Touch screen display, convenient setting and monitoring of different parameters
- Built-in thermal printer, can print QC chart and real time graph
- Halogen lamp as illumination source, long life span
- 0 to 3.500 OD of measuring range with <0.005 OD of drift
- QC function with QC chart storage, display and printing
- 20 incubating positions with RT, 25°C, 30°C and 37°C of incubator temperature
- Large memory for data storage, up to 144 test programs and 5600 testing results
- With one button operation, ensure easy and accurate operation
- Assays for end point, kinetic, fixed time, etc.
- Real time graph display and printing, facilitate experiments
- Supports RS232 and USB interface for convenient data processing
- High-efficient, stable and reliable unit for stable and reliable results

Applications:

Semi-Automated Chemistry Analyzer is used to perform routine biochemistry, hormonal assay, electrolytes, therapeutic drugs, and drug-enzyme investigations etc. across clinical, research, education, veterinary, toxicology, and pharmaceutical laboratory etc.

Specifications:

Model No.	LD-LSCA-A10
Measuring System	Measuring Range: 0 to 3.500 OD Method: End Point, Fixed Time, Rate etc. Photometric linearity: $\pm 2\%$ (0 to 2.500 OD) Photometric accuracy: $\pm 1\%$ (0 to 2.500 OD)
Photometric System	Light source: 6 V, 10 W halogen lamp Filters: 304 nm, 405 nm, 450 nm, 510 nm, 546 nm, 578 nm, 630 nm and 2 open filter positions Wavelength Accuracy: ± 2 nm
Thermostatic Control	Temperature: RT, 25°C, 30°C, 37°C; Precision: $\pm 0.1^\circ\text{C}$
Drift	<0.005 OD
Reading Cuvette	Quartz Cuvette; Both Cell and Direct reading cuvette
Incubating positions	20 incubation positions
Quality Control	QC function with storage, display and printing
Display	Touch Screen
Storage	144 test programs, 5600 test results
Printer	Built-in thermal printer
Interface	RS-232, USB
Power Supply	AC 110/220 V \pm 50/60 Hz
Dimension (W×D×H)	400×380×200 mm
Packaging Dimension (W×D×H)	500×530×350 mm
Net Weight	10 kg
Gross Weight	12 kg