



SEMI-AUTOMATIC ELECTROLYTE ANALYZER
LD-LSEA-A1 SERIES

info@labodam.com | www.labodam.com

Semi-Automatic Electrolyte Analyzer LD-LSEA-A10 is a compact, easy - to- use table top unit comes with aspiration volume ranging from 60 to 150 μl . This electrolyte analyzer works on principle of ion selective electrode measurement technology. Measures the concentration of K^+ , Na^+ , Cl^- ions in serum, plasma, whole blood, cerebrospinal fluid and dilute urine. It is a fast, accurate, convenient and practical clinical testing instrument. Low consumption of reagents, effectively reducing the cost of consumables. It has automatic and manual dual sampling mode. Automatic fault alarm and elimination, improves the work efficiency.

Semi-Automatic Electrolyte Analyzer LD-LSEA-A11 is a compact, easy - to- use table top unit comes with aspiration volume ranges from 60 to 150 μl . This electrolyte analyzer works on principle of ion selective electrode measurement technology. Measure the concentration of K^+ , Na^+ , Cl^- , Ca^{2+} ions and pH in serum, plasma, whole blood, cerebrospinal fluid and dilute urine. It is a fast, accurate, convenient and practical clinical testing instrument. Low consumption of reagents, effectively reducing the cost of consumables. It has automatic and manual dual sampling mode. Automatic fault alarm and elimination, improves the work efficiency.

Features

- 7" HD touch panel, easy to operate
- Sample types can be tested are serum, plasma, whole blood, cerebrospinal fluid and dilute urine
- Automatic monitoring and filtering of tiny air bubbles to ensure measurement accuracy
- Wave flushing and pipeline flushing can avoid blockage and cross-contamination
- Reagents are having stable performance, long shelf life and made up of high-quality raw material
- Power-off protection, can protect stored data
- With the function of automatic fault alarm and elimination
- The software supports automatic potential tracking correction to ensure stable performance
- With Built-in thermal printer

Applications

In medical field, physician's lab, clinical testing, where it is important to test and detect ions in the patient who needs a large amount of balanced rehydration in surgery, burns, diarrhea, acute heart attack, etc.

Specifications

Model No.	LD-LSEA-A10		
Sample Volume	60 to 150 μ l		
Measuring Range	Items	Measuring Range	Resolution
	K+	0.5-20.0 mmol/L	0.01 mmol/L
	Na+	15-200 mmol/L	0.1 mmol/L
	Cl-	15-200 mmol/L	0.1 mmol/L
Tested Parameters	K+, Na+, Cl-		
Measuring time	\leq 25s		
Calibration	Automatic and Manual calibration		
Sample Tray	No		
Other Function	Sample volume detection		
Storage	Up to 50,000 test results		
Interface	RS232 port for LIS		
Ambient Temperature	10 to 30 $^{\circ}$ C		
Relative Humidity	\leq 80%		
Atmospheric Pressure	86-106 kPa		
External Dimension (W x D x H)	396 x 202 x 434 mm		
Packing Dimension (W x D x H)	Instrument: 390 x 500 x 540 mm Reagent: 215 x 160 x 130 mm		
Net Weight	8.2 kg		
Gross Weight	Instrument: 13 kg Reagent: 1.8 kg		

Model No.	LD-LSEA-A11		
Sample Volume	60 to 150 μ l		
Measuring Range	Items	Measuring Range	Resolution
	K+	0.5-20.0 mmol/L	0.01 mmol/L
	Na+	15-200 mmol/L	0.1 mmol/L
	Cl-	15-200 mmol/L	0.1 mmol/L
	Ca ²⁺	0.1-6.0 mmol/L	0.01 mmol/L
	pH	4-9 pH	0.01 pH
Tested Parameters	K+, Na+, Cl-, iCa ²⁺ , nCa ²⁺ , TCa ²⁺ , pH		
Measuring time	\leq 25s		
Calibration	Automatic and Manual calibration		

Semi-Automatic Electrolyte Analyzer LD-LSEA-A1 Series

Sample Tray	No
Other Function	Sample volume detection
Storage	Up to 50,000 test results
Interface	RS232 port for LIS
Ambient Temperature	10 to 30 °C
Relative Humidity	≤ 80%
Atmospheric Pressure	86-106 kPa
External Dimension (W x D x H)	396 x 202 x 434 mm
Packing Dimension (W x D x H)	Instrument: 390 x 500 x 540 mm Reagent: 215 x 160 x 130 mm
Net Weight	8.2 kg
Gross Weight	Instrument: 13 kg Reagent: 1.8 kg