ESR Analyzer
LESR-A1 Series

ESR Analyzer LESR-A1 Series

ESR Analyzer LESR-A10

ESR Analyzer LESR-A10 is a portable unit with Westergren analysis method and infrared sensor measuring principle. It offers measurement range of 1 to 140 mm/h with throughput up to 80 samples/h. It has maximum 40 sample loading capacity at same time and two measuring time: 30 min or 60 min. Designed with touch screen large color display, built-in printer and RS232 interface. Used for analysis of erythrocyte sedimentation rate in hospitals, clinical laboratories and research.

ESR Analyzer LESR-A11

ESR Analyzer LESR-A11 is a portable unit with Westergren analysis method and infrared sensor measuring principle. It offers measurement range of 1 to 140 mm/h with throughput up to 80 samples/h. It has maximum 20 sample loading capacity at same time and two measuring time: 30 min or 60 min. Designed with touch screen large color display, built-in printer and RS232 interface. Used for analysis of erythrocyte sedimentation rate in hospitals, clinical laboratories and research.

Features

- Infrared sensor measuring principle
- Westergren analysis method
- Measurement range 1 to 140 mm/h
- Throughput up to 80 samples/h
- Measuring time 30 min or 60 min
- Color touch screen large display
- Built-in thermal printer
- Memory storage 4000 results

Applications

Used for analysis of erythrocyte sedimentation rate in hospitals, clinical laboratories and medical research centres.

Specifications

Model	LESR-A10	LESR-A11
Measuring principle	Infrared sensor	
Analysis method	Westergren ESR value (mm/h)	
Measurement range	1 to 140 mm/h	
Measuring time	30 minutes or 60 minutes selectable	
Sample interval	3 minutes	
Throughput	Up to 80 samples per hour	
Reading channels	40	20
Loading capacity	40 samples at same time	20 samples at same time
Loading pattern	Random	
Temperature compensation	Refer to 18°C automatically (selectable)	
Reading resolution	± 0.1 mm	
Result resolution	1mm/1h, 1mm/2h	
Blood level range	50 to 64 mm	
Display	Touch screen LCD display	
Interface	RS232	
Print	Built-in thermal printer	
Memory storage	4,000 results	
Power	50 W	
Power supply	AC 110/220 V ± 10%, 60/50 Hz	
Working temperature	5°C to 40°C	
Humidity	≤ 80% RH	
Packaging dimension (W × D × H)	380 × 700 × 460 mm	
Gross weight	25 kg	