

ESRA-300, ESR Analyzer



Features:

- Random access
- Up to 30 samples can be scanned simultaneously
- Throughput up to 60 samples /hour
- Temperature compensation refer to 18°C according to Westergren method
- ESR curve display and print-out
- Touch screen, large LCD display
- Internal thermal printer.

Technical Specification:

Model	ESRA-300
Application area	Erythrocyte sedimentation rate analysis
Measuring principle	Infrared sensor
Reading channels	30 available channels
Loading capability	Up to 30 samples at a time
Loading pattern	Random
Measuring time	30 minutes or 60 minutes selectable
Throughput	Up to 60 samples per hour
Analysis result	In Westergren ESR value (mm/hr)
Temperature compensation	Refer to 18°C automatically (selectable)
Reading resolution	0.2mm
Reproducibility	< 0.3% or 2mm/1h
Result resolution	1mm/1h
Blood level range	50mm ~ 64mm
Display	LCD
Input	Touch screen
Interface	RS-232 serial port
Print	Internal thermal printer
Power supply	AC 220V/110V ±10%, 50/60/Hz, 50W
Operation conditions	15°C~32°C Humidity ≤85%
Dimension	400mm×300mm×200mm(L×W×H)
Net weight	11.5kg

ESRA-300A, ESR Analyzer



Features:

- Infrared optical detection technology
- Automatically scanning blood cells and location of the plasma interface from time to time with accurate positioning
- Automatically amending the ESR results under the detecting temperature (15°C ~ 32°C) to the ESR values at 18°C, closely - related with Westergren results
- The results are not interfered by high levels of hemoglobin, bilirubin or triglyceride
- ESR curve display and print-out
- Internal thermal printer.

Technical Specification:

Model	ESRA-300A
Measuring principle	Infrared sensor
Measuring time	30 minutes
Measuring precision	<0.2 mm
Reproducibility	< 3%
Temperature Precision	<0.3°C
Sample volume	<1.6mL whole blood anticoagulant
Reading channel	10
Display	LCD
Interface	RS-232 serial port
Print	Internal thermal printer
Operation conditions	15°C~32°C , Humidity ≤85%
Power supply	AC 220V/110V ±10%, 50/60 Hz
Dimension	320mm×260mm×158mm (L×W×H)
Net weight	5.0kg