BioLAB

ESR ANALYZER

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BANA-1400 AUTOMATIC ESR ANALYZER

7-inch color touch LCD screen, easy to operate, high resolution

80 samples/hour, rapid detection
Randomly insert sample positions for testing at any time
Built-in thermal printer for easy data printing
Results are automatically temperature compensated
Advanced optical testing principles to overcome reading errors in manual methods
Power-off save function, automatically save the test results

SPECIFICATIONS

Model	BANA-1400
Measurement Method	Infrared detection
Analysis Result	Westergren ESR value (mm/hour)
Throughput	Maximum 80 tests/hour
Analysis Channels	40 (load up to 40 samples for analysis at the same time)
Loading Type	Load samples at any time, measure at any time
Analysis Time	30 minutes or 60 minutes selectable
Sampling Interval	3 min
Measurement Range	0~120 mm/h
Temperature Compensation	The result is automatically corrected to the result at 18℃
Result Resolution	1 mm/1h and 1 mm/2h
Blood Level Range	50 mm~64 mm
Result Accuracy	±2mm/h (ESR≤30mm/h) ±3mm/h (30mm/h＜ESR≤80mm/h) ±5mm/h (ESR＞80mm/h)
Result Precision	CV ≤ 2%
Channel Error	≤ ±4 mm/h
Reading Accuracy	0.2 mm
Net Weight (kg)	90
Display	7-inch color LCD touch screen
Communication Interface	RS232 serial interface
Printer	Built-in thermal printer
Power Supply	AC220V 50/60Hz
External Size (W x D x H)	360 x 300 x 180 mm
Net Weight	7.3 kg
Package Size (WxDxH)	395x335x375 mm
Gross Weight	10 kg