



ESR ANALYZER BANA-1401

ESR ANALYZER BANA-1401

AUTO ESR ANALYZER

ESR testing has important guiding significance for many clinical diseases, but the traditional standard Westergren method has complicated operation, low work efficiency and large cross-contamination. Automatic ESR analyzer uses advanced infrared light color difference interpretation technology to automatically scan the whole process of red blood cell sedimentation within 30 minutes for the sample of the vacuum blood collection tube, and refer to the Westergren method to measure the standard curve to obtain accurate results.



1. 7.0-inch color touch screen, real-time display of sample status.
2. Randomly insert sample positions for testing at any time.
3. Built-in thermal printer, can print dynamic ESR curve.
4. Infrared optical detection and precise measurement, the test results automatically complete temperature compensation, pressure volume compensation, and ESR equation K value.
5. With USB, Type-C interface and host computer supporting software, support uploading test results to LIS/HIS system.
6. Power-off protection function, automatic saving of test results, and sample abnormality alarm and recording function.
7. The base height is adjustable, with a leveling level to ensure accurate detection.

SPECIFICATIONS

Model	BANA-1401
Application	Erythrocyte sedimentation rate analysis
Measurement Method	Infrared detection
Analysis Result	Westergren ESR value(mm/hour)
Throughput	Maximum 40 tests/hour
Analysis Channels	20 (load up to 20 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	3min
Measurement Range	0~150mm/h
Temperature Compensation	The result is automatically corrected to the result at 18°C
Result Resolution	1mm/1h and 1mm/2h
Blood Level Range	46mm~64mm
HCT Range	0.2~1.0
Repeatability	0~10mm/h, SD≤1.5mm/h; >10mm/h, CV≤8%
Channel Consistency	0~10mm/h, SD≤1.5mm/h; >10mm/h, CV≤8%
Reading Accuracy	±0.1mm
Display	7-inch color LCD touch screen
Communication Interface	Type-C, USB interface
Printer	Built-in thermal printer
Power Supply	AC110~220, 50/60Hz
External Size(W*D*H)	284*355*208 mm
Net Weight	5.6kg
Package Size(W*D*H)	339*544*249 mm
Gross Weight	8.7kg
Alt Name	Auto ESR Analyzer

APPLICATIONS

Applicable to hospital inspection departments, medical laboratories, research institutes, universities, disease control centers, etc.



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada

Email: info@biolabscientific.com | Website: www.biolabscientific.com