

SABIO 140

Automated ESR Analyzer

BIOTA GROUP

Technical Specifications

Principles	: Westergren method by CCD Camera
Sample Loading Positions	: 40, Direct loading of Blood/EDTA Samples
Throughput	: Up to 120 samples/hour
Time to First Result	: First result in 20 minutes
Time to Result	: 3 seconds
Minimum Sample Volume	: 2 ml
Sample Test Volume	: 2 ml-4 ml
Barcode Reader	: External (optional)
Internal Printer	: Yes
LIS Communication	: Yes
Display	: Liquid Touch Screen , 800x600 pixel
Operating Environment	: Temperature: 15°C-35°C, Humidity: ≤80%
Power Requirement	: A.C. 110-230V ≤300 VA 50/60Hz
Dimension	: 550mm(L) x 440mm(W) x 315mm(H)
Weight	: 13 KG



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SABIO 140

Automated ESR Analyzer

SABIO140 Automated ESR Analyzer is a bench top system which has complete integration in the hematology laboratories by the direct determination of ESR from blood/EDTA samples with its smart and innovative technology combining “ccd cam” and internationally accepted Westergren method.

SABIO140 is completely cost effective, provides patient comfort and environment friendly since it is using same EDTA tubes coming from CBC tests.

40 sample loading positions, suitability to continuous loading for 19 minutes when you start running the instrument, being maintenance free, being environment-friendly, LCD touch screen and data transmission to LIS are just some of the advanced features of the analyzer which provides laboratory comfort and productivity.

- **Use of the same CBC tubes. No dedicated citrate tube needed**
- **Westergren method by CCD camera**
- **Use of smart cards**
- **No reagents required, environmently friendly**
- **40 sample loading positions, up to 120 tests/ hour**
- **Continuous loading of samples untill the first result**
- **First result available after 20 minutes and each following result within 5 sec.**
- **Advanced QC Management by LJ Graphics**
- **7 inch LCD touch screen**
- **User friendly software**
- **Built-in thermal Printer (optional external printer)**
- **LIS connection**
- **Optional Barcode reader**

RELIABILITY | PRODUCTIVITY | SATISFACTION



USE OF CBC TUBES

No dedicated ESR citrate tube needed.
No reagents required.



EFFICIENT & USER FRIENDLY

Easy to use. 40 sample positions
and continuous loading



FEEL THE EXCELLENCE...