THE PERFECT ESR SYSTEM
The miniSED® utilizes photometric readings to quantify the Rouleaux formation, which is the earliest and most critical phase of sedimentation. Results are obtained less than 17 seconds! The miniSED® technology makes it possible to eliminate variables commonly associated with traditional ESR methodologies, such as hematocrit, MCV and temperature. It is ideal for emergency rooms, POL, and ideal as a backup analyzer in the typical hospital laboratory.

**EVERYTHING YOU NEED TO GET STARTED**

- miniSED® Automated ESR Analyzer
- Test Card of various denominations
- Seditrol® Quality Control Kit
- Photometrical rheoscope
- 1-130mm/hr
- 100μL whole blood (500μL dead volume)
- 13 x 75mm test tube in EDTA anti-coagulant, capped
- Internal Serial RS232 port for LIS connection
- 100-240VAC; 50-60Hz; 160W
- Human-based quality control
- 24 x 18 x 26 cm (9.5 x 7.1 x 10.4 in)

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**SPECIFICATIONS**

**RHEOLOGY TECHNOLOGY**

The iSED® is the first in the line of Erythrocyte Sedimentation Rate (ESR) analyzers from ALCOR Scientific Inc.

The iSED® is a 20 position fully automated ESR analyzer that works directly from the primary EDTA tube and requires just 100 microliters of sample to deliver a result in just 20 seconds.

The iSED® maximizes laboratory efficiency with a continuous, random access feed and high throughput of 180 sample per hour.

ALCOR Scientific utilizes photometric reading to quantify the Rouleaux formation, which is the earliest and most critical phase of sedimentation. Our analyzers’ micro-flow cell captures the critical kinetics of RBCs in a highly controlled testing environment to produce ESR results in 15-20 seconds. The analyzers’ results are unaffected by variables commonly associated with traditional ESR testing methods. Some of these variables include hematocrit, MCV, and temperature.

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**STAT ESR RESULTS**

*Fast, accurate and reliable results in just 20 seconds.*

**MINIMAL SAMPLE SIZE**

*Only 100μL of sample is required for testing.*

**FULLY AUTOMATED**

*Barcode reader, mixer, and printer are all internal.*