

# iSED<sup>®</sup>

the *perfect* ESR system



Simply insert the  
primary EDTA tubes  
and walk away!

**USA**  
MADE

**ALCOR**  
SCIENTIFIC

- Results in 20 seconds
- 100µL sample
- No disposables
- Works directly off primary EDTA tubes
- Closed container sampling
- Fully automated
- Random access
- Continuous feed operation
- High throughput (up to 180 samples per hour!)



## iSED® Advanced Rheology Technology

iSED's micro-flow cell captures the critical kinetics of Red Blood Cells in a highly controlled testing environment.

Utilizing a very small sample-100 microliters - the iSED captures the impact of the most critical phase of the early-phase in the phenomenon of RBC sedimentation, the so-called Rouleaux formation, to produce ESR results that are unaffected by the variables commonly associated with traditional ESR testing, such as mixing of the sample and temperature.

Most importantly, iSED results are not affected by the hematocrit.

## Seditrol® ESR Quality Control Exclusively for iSED

- 18 month shelf life
- 31 day open vial stability
- No refrigeration required
- Barcoded, piercable vials, ready to load
- No transfer of QC material required
- Free QC Data Management Program with peer data and 24/7 access



### order information

Cat.	Description	Packaging
112-00101	iSED® Automated ESR Analyzer	1 each
112-05000	Test Card; 5000 iTests	1 card
112-10000	Test Card; 10,000 iTests	1 card
112-20000	Test Card; 20,000 iTests	1 card
112-40000	Test Card; 40,000 iTests	1 card
DSC06	Seditrol® Quality Control Kit	6 x 4.5mL
112-12-001	iWash™	4 x 500mL

### specifications

<b>Principle of Measure</b>	photometrical rheoscope
<b>Results</b>	printed results (1-130mm/hr)
<b>Sample Requirements</b>	100µL whole blood (500µL dead volume)
<b>Tube Requirements</b>	13 x 75mm test tube in EDTA anti-coagulant, capped
<b>Barcode Reader</b>	Internal
<b>Printer</b>	Internal
<b>Interface</b>	Serial RS232 port for LIS connection
<b>Power Requirements</b>	100-240VAC; 50-60Hz; 160W
<b>Weight</b>	13.6 kgs (30 lbs)
<b>Dimensions</b>	36 x 27 x 34 cm (14.3 x 10.5 x 13.4 in)

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