

# 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
112-00500	Test Card; 500 iTests	1 card
112-01000	Test Card; 1,000 iTests	1 card
112-02000	Test Card; 2,000 iTests	1 card
112-05000	Test Card; 5,000 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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