

iSED[®]

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 <i>iTests</i>	1 card
112-01000	Test Card; 1,000 <i>iTests</i>	1 card
112-02000	Test Card; 2,000 <i>iTests</i>	1 card
112-05000	Test Card; 5,000 <i>iTests</i>	1 card
DSC06	Seditrol® Quality Control Kit	6 x 4.5mL
112-12-001	<i>iWash</i> ™	4 x 500mL

specifications

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

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