



Why choose iSED PRO?



7x longer sample stability



Results within 20 seconds



Significantly smaller sample volume



Automatic QC scheduling with no QC preparation needed

	iSED PRO	VES MATIC 5
Methodology	Measures RBC aggregation	Measures RBC sedimentation
Sample Type	Capped EDTA tube - no sample preparation required	Capped EDTA tube - no sample preparation required
Sample Volume	500 µl total volume required (100 µl aspirated volume)	1.5 - 4.0 mL (tube cannot be underfilled or overfilled)
Sample Preparation	None required	None required
Sample Stability	28 hours for room temperature samples, 48 hours for refrigerated samples	4 hours at room temperature or 24 hours refrigerated
Onboard Sample Capacity	120 samples / 12 rack positions	180 samples / 18 rack positions (if using 10-position sample racks)
Rack Compatible	Yes	Yes
Turnaround Time	Within 20 seconds (time to first result is 3 minutes + 20 seconds)	20 minutes (time to first result 28 minutes)
Throughput	191 samples per hour (based on cycle time)	190 samples/hour (89 positions for sample analysis)
Sample Loading	Continuous or random access	Continuous or random access
Sample Mixing	Automatic onboard mixing (3 minute mix)	Automatic onboard mixing (15 inversions)
LIS Connectivity	Bi-directional	Bi-directional
Quality Control	SEDiTROL® ESR Control: <ul style="list-style-type: none"> • Ready-to-use, bi-level, human whole blood-based controls • Room temperature storage with 60 days open vial stability • Automatic QC scheduling and onboard storage 	ESR Control Cube: <ul style="list-style-type: none"> • Bi-level human whole blood-based controls • Refrigerated storage prior to opening • QC material must be added to EDTA tube to be loaded onto analyzer • 95 day stability at 2-30°C after opening; 7 day stability at 18-30°C once prepared in EDTA tube
Per-Test Consumables	No per-test consumables or reagents; iWASH® PRO solution used for automatic washing 1x when analyzer is idle; Test Cards required	No per-test consumables or reagents; Test transponders (check devices) required
Footprint (L x W x H)	495 x 553 x 670 mm (20 x 22 x 27 in)	850 x 750 mm x 830 mm (33 x 30 x 33 in)
Temperature & Hematocrit Correction	Test environment maintained at a constant 37°C; minimal interference from HCT since aggregation is measured	ESR results normalized to 18°C (optional); HCT used in ESR result calculation
Serviceability	Modular components for simplified maintenance and service	No modular components / more complicated to access components during service