



## Why choose iSED PRO?



**Results in seconds**



**Significantly smaller sample volume**



**7x longer sample stability**



**Fully Automated QC Workflow**

	iSED PRO	Starrsed TL
<b>Methodology</b>	Photometric rheology (based on RBC aggregation)	Optical sensor (based on RBC sedimentation)
<b>Sample Volume</b>	500 µl total volume required (100 µl aspirated volume)	1.4 mL total volume required
<b>Sample Preparation</b>	None required	Automated (analyzer performs dilution)
<b>Sample Stability</b>	28 hours stored at room temperature, 48 hours for refrigerated samples	4 hours at room temperature or 24 hours refrigerated
<b>Onboard Sample Capacity</b>	120 samples in Sysmex racks	84 Westergren pipettes onboard
<b>Time to Result</b>	Within 20 seconds (time to first result is 3 minutes + 20 seconds - all subsequent results are within 20 seconds)	30 or 60 minute sedimentation options
<b>Throughput</b>	191 samples per hour (based on cycle time)	30 minute method: 135 samples/hour 60 minute method: 75 samples/hour
<b>Lab Automation</b>	Rack based but not TLA compatible	TLA compatible
<b>Quality Control</b>	SEDiTROL <sup>®</sup> ESR Control: <ul style="list-style-type: none"> <li>•Bi-level human whole blood-based controls</li> <li>•Room temperature storage with 60 days open vial stability</li> <li>•Automatic QC scheduling and onboard storage</li> </ul>	Starrsed Control: <ul style="list-style-type: none"> <li>•Bi-level human whole blood-based controls</li> <li>•Room temperature storage with 31 days open vial stability</li> <li>•No onboard storage or automatic scheduling</li> </ul>
<b>Maintenance</b>	No operator-initiated daily maintenance Automatic washing and deep cleaning	User-initiated daily washing
<b>Per-Test Consumables</b>	No per-test consumables or reagents; iWASH <sup>®</sup> PRO solution used for automatic washing 1x when analyzer is idle	Starrsed Rinse solution for rinsing pipettes Starrsed Diluent for diluting samples
<b>Footprint (L x W x H)</b>	495 x 553 x 670 mm (20 x 22 x 27 in)	1700 x 1100 mm x 1340 mm (66.92 x 43.30 x 52.75 in)
<b>Temperature Control</b>	Reading cell maintained at a constant temperature	Temperature correction feature in software