







Why choose iSED PRO?

-  **Fully Automated QC Workflow**
-  **7x Longer Sample Stability**
-  **Reduced Risk of Biohazard Exposure**
-  **Less Routine Maintenance
(only 1 analytical unit to maintain)**

	iSED PRO	Test 1	Test 1 2.0
Methodology	Measures RBC aggregation	Measures RBC aggregation	Measures RBC aggregation
Sample Volume	500 µl total volume required (100 µl aspirated volume)	800 µl total volume required (175 µl aspirated volume)	800 µl total volume required (175 µl aspirated volume) External probe volume = 300 µl
Sample Stability	28 hours stored at room temperature, 48 hours for refrigerated samples	Recommend testing within 4-6 hours for room temperature samples or within 24 hours for refrigerated samples	Recommend testing within 4-6 hours for room temperature samples or within 24 hours for refrigerated samples
Onboard Sample Capacity	120 samples in Sysmex racks	40 samples if using Sysmex racks 60 samples if using ALIFAX racks (barcodes must be oriented correctly)	80 samples if using Sysmex racks 120 samples if using ALIFAX racks
Throughput	191 samples per hour (based on cycle time)	150 samples/hour	180-195 samples/hour
Quality Control	SEDiTROL® ESR Control: <ul style="list-style-type: none"> •Bi-level human whole blood-based controls •Room temperature storage with 60 days open vial stability •No special washing required before or after QC use •Automatic QC scheduling and onboard storage 	ALIFAX Latex Controls: <ul style="list-style-type: none"> •Tri-level latex controls •2-8°C storage with 42 days open vial stability •Special washing required before and after QC – no automation •No onboard storage 	ALIFAX Latex Controls: <ul style="list-style-type: none"> •Tri-level latex controls •2-8°C storage with 42 days open vial stability •Special washing required before and after QC – no automation •Internal and external sample probes must be QC'd separately •No onboard storage
Sample Probe (Aspiration Needle)	1 internal probe	1 internal probe	Internal and external probes (analyzer has 2 separate analytical units)
Maintenance	No operator-initiated daily maintenance. Automatic washing and deep cleaning	Hands-on time for washing with bleach and DI water required daily	Hands-on time for washing with bleach and DI water required daily, both probes require maintenance
STAT Function	Yes – by rack	No STAT function	Yes – via external probe
Biohazard risk	Minimal – samples remain capped	Minimal – samples remain capped	Operator must uncap blood samples when using external probe
Footprint (L x W x H)	49.5 x 55.3 x 67 cm (20 x 22 x 27 in)	49 x 54 x 60 cm (19.29 x 21.26 x 23.62 in)	77 x 74 x 86 cm (30 x 29 x 34 in)