

# ALCOR iSED® vs. Roller 20PN



- ✓ **Minimal sample requirements**
  - 100µL test volume
  - <500 µL dead volume
- ✓ **No daily maintenance**
  - Automatic washing after 15 minutes idle
- ✓ **Random, continuous access**
  - High throughput - 180 samples/hour
- ✓ **Seditrol® QC for quality assurance**
  - Stable, human based, performs like patients
  - No special cleaning procedures required

	iSED®	ALIFAX Roller 20PN
<b>Sample Volume</b>	100µL	175 µL +116 µL first sample prime
<b>Dead Volume</b>	<500µL	800µL
<b>Throughput</b>	180 samples per hour	120 samples per hour
<b>Random Access</b>	Yes, continuous loading Ideal for <b>STAT testing</b>	No, batches of 20 samples
<b>Time to First Result</b>	3 min mix + 20 seconds	5 min mix + 30 seconds
<b>Quality Control</b>	Human, whole blood Performs like patients No special cleaning required Open Vial Stability: 60 days, RT	Latex Does not perform like patients 3 wash/bleach cycles prior to QC Open Vial Stability: 42 days, 2-8°
<b>Patient ID</b>	Internal barcode reader	Optional external barcode reader
<b>Maintenance</b>	No daily maintenance Automatic washing after 15 minutes idle Deep clean after 30 days or 1000 tests	Daily maintenance required Washing not automatic, user initiated 3 wash/bleach cycles before QC, shutdown Frequent replacement of tubing, needles

REFERENCES: ALIFAX ROLLER 20 User Manual SI R20 PN Rev 1.3 - 2016.06.01; Alifax New ESR System Generation brochure ESR\_BRO001\_ESR LINE\_03\_01\_190919\_EN

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