



BEYOND A BETTER BOX™

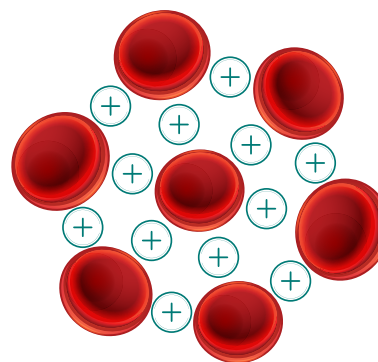
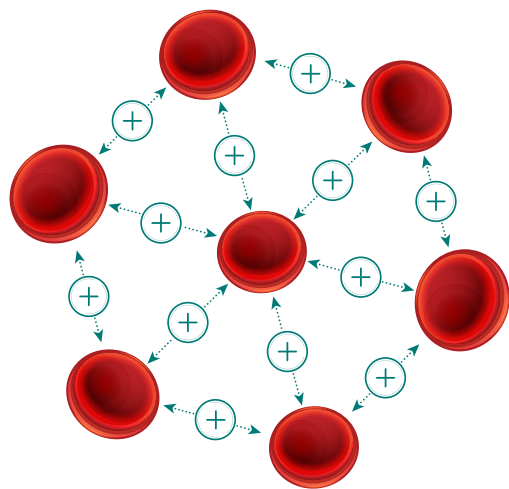
ALIFAX® ERYTHROCYTE SEDIMENTATION ANALYZER

ESR Results Delivered at the Speed of Healthcare



NEW ESR SYSTEM GENERATION

By measuring the kinetics of red cell aggregation, Alifax® Capillary Photometry Technology is capable of providing ESR results in 20 seconds. This technology is recognized by CLSI as an alternative ESR method and is included in External Quality Assurance and Proficiency Testing programs.



Aggregation after 20 seconds

EACH SAMPLE IS READ 1000 TIMES IN 20 SECONDS

Alifax Capillary Photometry Technology overcomes the variables and limitations of the sedimentation method listed in the CLSI document.*

SEDIMENTATION	CAPILLARY PHOTOMETRY
Temperature variability	Temperature control 37°C
Hematocrit influence	Independent of hematocrit value
Dilution problems using sodium citrate	No dilution, EDTA tube sampling
Inadequate materials and pipette variability	Use of the same capillary tube for all samples
Vibration and pipette verticality effects	No vibration or vertical alignment influence
Non-standardized sample mixing	Automated mixing step
No controls and calibrators for quality assurance	Latex controls and calibrators for quality assurance
Poor reproducibility	High reproducibility

**Clinical Laboratory and Standard Institute (formerly NCCLS) Procedures for the Erythrocyte Sedimentation Rate Test; Approved Standard - Fifth Edition H02-A5, Vol.31 No.11 2011*

ESR SOLUTIONS MADE FOR YOUR LAB

Alifax® Test 1™ ESR Analyzer

- 175 µl EDTA sample
- Only 800 µl min. sample in tube
- 40 sample tube capacity
- Direct loading of CBC racks
- Throughput up to 160 samples/hour
- Internal bar code reader
- Bidirectional LIS connectivity
- Latex controls



ROLLER SERIES

Alifax® Roller 20PN™ ESR Analyzer



- Automatic or manual sampling from uncapped tubes
- Internal rotor with 20 positions for standardized mixing and testing
- 100 µl EDTA manual sample; 100 µl min. sample in tube
- 175 µl EDTA automated sample
- LCD touch screen display
- User-friendly software
- Automatic washing system
- Latex controls

Alifax® Roller 20MC™ ESR Analyzer



- Only 30 µl EDTA sample
- Manual sampling from uncapped tubes
- LCD touch screen display
- User-friendly software
- External barcode reader
- Latex controls

Alifax® Roller 10PN™ ESR Analyzer



- Only 30 µl EDTA sample
- Manual sampling from uncapped tubes
- Internal rotor with 10 positions for standardized mixing procedure
- LCD touch screen display
- User-friendly software
- External barcode reader
- Latex controls

CONSUMABLES AND SPECIFICATIONS

LATEX CONTROLS*

Three Levels to Assure: Precision, Accuracy and Repeatability

Latex Control Kit
6 tests



Latex Control Kit
30 tests



ALIFAX® SMART TEST CARD

Test Cards for Alifax family of ESR Analyzers



Available for:
1,000 tests, 4,000 tests, 10,000 tests, 20,000 tests

Environmentally friendly: test cards save storage transport, and 'per test' costs.

ALIFAX ESR ANALYZER COMPARISON CHART

	Test 1	Roller 20 PN	Roller 10 PN	Roller 20 MC
Sample Loading Positions	Up to 40	20	10 - for mix	N/A
Sampling	Automatic; 4 racks, direct loading of CBC racks	Automatic and manual	Manual	Manual
Throughput	Up to 160/hr	Up to 120/hr	N/A	N/A
Time to First Result	5 min	5 min	4 min	4 min
Time to Result	20 sec	30 sec	18 sec	18 sec
Minimum Sample Volume	800µl	800µl (auto) 100µl (manual)	100µl	100µl
Sample Test Volume	175µl	175µl (auto) 100µl (manual)	30µl	30µl
Internal Mixing	Yes	Yes	Yes	N/A
Temperature Controlled at 37° C	Yes	Yes	Yes	Yes
Internal Washing	N/A	Yes	N/A	N/A
Barcode Reader	Yes	External (Optional)	External (Optional)	External (Optional)
Printer	Yes	Yes	Yes	Yes
Bidirectional LIS Communication	Yes	Yes	Yes	Yes
Dimensions (in)	20 x 19.7 x 23.6	9.5 x 15 x 17.7	9.5 x 15 x 17.7	9.5 x 15 x 17.7
Weight (lb)	100	35	30	24
Daily Maintenance	5 min	5 min	5 min	N/A
Maintenance	1 year or 30,000 tests	1 year or 30,000 tests	1 year or 30,000 tests	1 year or 30,000 tests

* SHELF LIFE: from production: 6 months. From the first piercing: 6 weeks.

STORAGE CONDITIONS: from production: +4 to 25°C. From first piercing: +4 to 8°C.

Order specifically for Greiner or Sarstedt tubes.



WALK AWAY FROM ESRs

Automated Results in 20 Seconds

If you need to do more with less—we have a solution

In today's rapidly changing healthcare landscape, laboratory directors are now being tasked to make the most of their staff's limited time. Efficiency is critical as physicians demand fast turnaround, which is vital to maintain a high level of patient care.

Faster, Fewer Errors, and Better Resource Management

Alifax Capillary Photometry Technology is capable of providing ESR results in 20 seconds by measuring the kinetics of red blood cell aggregation.

- Alifax technology is recognized by the CLSI guideline as an alternative method for ESR and included in external quality assessment and proficiency testing programs.
- The Alifax system delivers faster results with less demand on staff time.
- Requires no reagents and no inventory management, and it can help you immediately optimize ESR testing while making the most of your resources.



■ *As the global leader in hematology, Sysmex has carefully selected a partnership with the leader in ESR testing.**

* Distributed by Sysmex America, Inc.

With elegant precision, Alifax capillary photometry technology is designed to overcome the problems of typical instruments performing ESR testing based on sedimentation, and offers faster TAT.



BEYOND A BETTER BOX™

Sysmex has a decades-long legacy of developing better analyzers. Today, we've moved well beyond "building better boxes" to create a more holistic, intuitive ecosystem that improves lab operations, promotes better care and enhances patient management practices.

Go Beyond a Better Box™ at WWW.SYSMEX.COM/BEYOND to see how Sysmex improves hematology and your entire lab.

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Program availability varies by location. Programs and specification subject to change without notice.

Sysmex has exclusive distribution rights with Alifax to provide ESR analyzers in Mexico, US and Canada after July 1, 2017.

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