

# COMPARATIVE CHART



	TEST1 2.0		ROLLER 20 PN	ROLLER 20 LC	ROLLER 20 MC
	STAND Alone	TLA			
Positions	120	120	Up to 20	Up to 18	•
Sampling	<b>Automatic and Manual</b>	<b>Automatic and Manual</b>	<b>Automatic and Manual</b>	<b>Automatic</b>	<b>Manual</b>
Time To Result	18:5"	18:5"	30"	20"	18"
Min Volume	800 ul (auto) 300 ul (manual)	800 ul (auto) 300 ul (manual)	800 µl (auto) 100 µl (manual)	800 µl	100 µl
Testing volume	175ul (auto) 30ul (manual)	175ul (auto) 30ul (manual)	175 µl (auto) 100 µl (manual)	175 µl	30 µl
Throughput	stand alone up to 195/h	up to 180/h	up to 120/h	up to 100/h	•
Internal mixing	•	•	✓	✓	✗
Thermostataion 37°C	•	•	✓	✓	✓
Internal washing	•	•	✓	✓	✗
Barcode reader	•	•	(ext. optional)	(ext. optional)	(ext optional)
Printer	•	•	✓	✓	✓
LIS bidirectional connection	•	•	✓	✓	✓
Dimensions (cm) W,D,H	77 x 74 x 86	77 x 74 x 86	24 x 39 x 46	32 x 56 x 58	24x38x45
Weight (Kg)	94	94	16	23,2	11
Daily maintenance	5'	5'	5'	5'	5'
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	1 year or 30.000 tests
Operator time	1'	1'	< 2'	< 2'	30" / sample



INSIDE INNOVATION

## NEW ESR SYSTEM GENERATION

ALWAYS A STEP FORWARD IN INNOVATION

Bibliography available at [www.alifax.com](http://www.alifax.com)

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Entered in Padova companies register at the n. 04337640280. Company stock € 10.000.000 entirely deposited. Company with single partner and subjected to direction and coordination of Alifax Holding S.p.A.

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## ESR

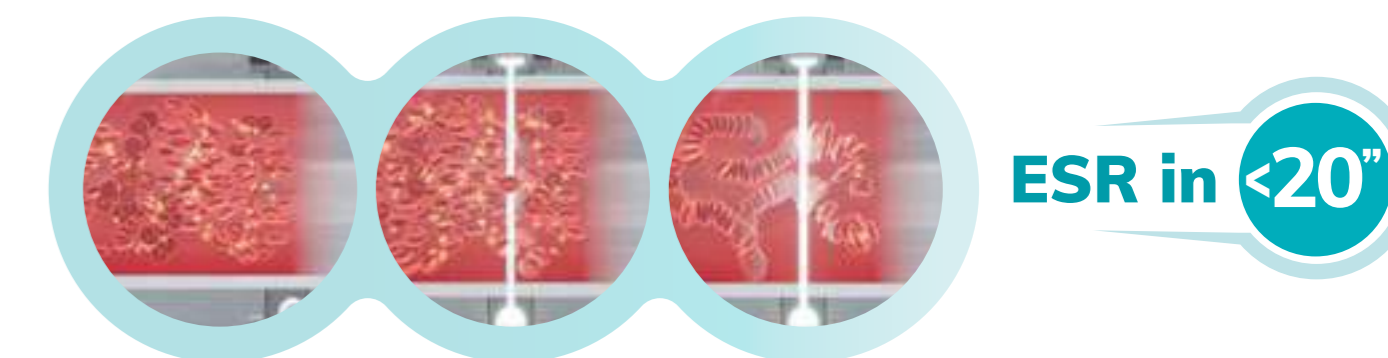
**AUTOMATED ANALYZERS FOR THE DETERMINATION OF THE ERYTHROCYTE SEDIMENTATION RATE**

## The ESR in less than 20 SECONDS

TEST1 Capillary Photometry technology overcomes the majority of the variables and limitations of the sedimentation method, such as dilution, hematocrit level and other physical factors (ICSH RECOMMENDATIONS, 2017).

- Stabilized temperature at 37°C
- No dilution
- Use of EDTA tube direct from CBC
- New standardized reading unit
- Automated mixing step
- Latex Controls and Calibrators available
- External Quality Control available
- High reproducibility
- Excellent correlation with the reference method

Alifax technology is classified by CLSI guidelines as an alternative method for ESR (H02-A5 Vol. 31, N.11)



The Original ESR in <20''



ESR measurements by TEST1 reflect inflammation better than do those by the Westergren method in patients with malignancy, autoimmune disease, or infection. *Clin Chem Lab Med* 2010; 48(7):1043-1048.

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# TEST1 2.0 ALWAYS A STEP FORWARD IN INNOVATION

- Only 175 µl of analysed sample
- Up to 120 samples capacity
- Up to 195 tests/h
- Continuous loading
- Tube loading without barcode alignment
- Marked reduction in washing volumes
- No maintenance on operator side
- **Total Lab Automation connection** NEW
- Multi-level access GDPR compliant



INDEPENDENT STAT channel for low volume and urgent Sample with external withdraw probe



Automatic mixing cycle with tube complete inversion



Internal Automatic Washing System



- Internal Camera
- 10" touch color display
- Intuitive graphic interface Linux-based
- Internal Barcode reader
- Direct CBC rack loading
- high-performance NEEDLE

## TEST1 2.0

- TEST1 2.0 stand alone
- TEST1 2.0 over Sysmex® TLA, CV-65 model track

2 models available:

Log generator | Bidirectional connection to LIS | Internal Memory | Suitable for remote access

# ROLLERS

Manual tube loading also for uncapped and low volume samples.



ROLLER 20-PN



ROLLER 20-MC

ROLLER 20-LC



### Double circuit for automatic and manual sampling

- Internal rotor with 20 positions
- 175 µl EDTA blood sample automated withdrawal per test
- 100 µl sample requested in the tube for manual withdrawal
- LCD touch screen
- User-friendly software
- Automatic washing system
- External barcode reader



### Manual sampling

- Only 30 µl EDTA blood sample
- LCD touch screen
- User-friendly software
- External barcode reader



### Automatic sampling

- 175 µl EDTA blood sample per test
- 800 µl sample requested in the tube
- 18 samples
- Simplified needle replacement
- Automated washing



# JO-PLUS

On line ESR system for total laboratory automation.



- 120 samples processed in about 1 hour
- 175 µl EDTA blood sample per test
- Results available in 30 seconds

JO-PLUS is conceived for mega laboratories with high routine volumes equipped with Laboratory Automation System (LAS). Based on TEST1.

# LATEX CONTROL

Three levels guarantee: precision, accuracy, repeatability.



- 6 TEST SI 305.100-A (Greiner tubes) SI 305.102-A (Sarstedt tubes)
- 30 TEST SI 305.300-A (Greiner tubes) SI 305.302-A (Sarstedt tubes)

# EQE KIT

External Quality Evaluation kit specific for all Alifax ESR analyzers.



Third parties international programs: CAP, LABQUALITY, NEQAS, ONEWORLD, ACCURACY, API

# SMART CARD

Environmental friendly cards and transport costs. Only pay for a test when needed.

Available card sizes (numbers of tests) 1.000 • 4.000 • 10.000 • 20.000

