



Biomedical Systems

Excyte®

Automated ESR Analyzers



RECOGNIZED MARKET LEADER IN AUTOMATED ESR TESTING

Over 30 years of automated sed rate testing with precise correlation to the gold standard method.

FIRST AUTOMATED SED RATE IN THE U.S.

We have remained a recognized market leader of automated ESR testing based on the gold standard Westergren method for more than 30 years. Excyte automated ESR analyzers are scalable and perfect for multi-site health systems to meet specific volume needs, from 50 tests per month up to 5,000 tests per month.



MORE THAN 15,000 ANALYZERS PLACED WORLDWIDE

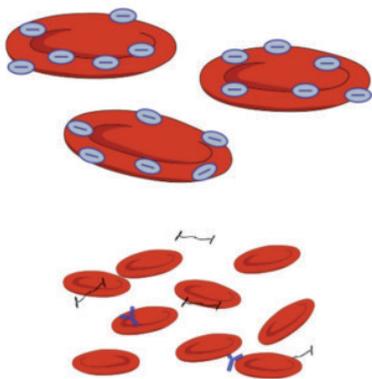
BENEFITS OF EXCYTE

- High correlation to the gold standard Westergren method providing results you can trust, regardless of disease state
- Meets CLSI and ICSH standards
- ESR results in as little as 15 minutes
- Perfect for multi-site health systems
- Interfaces with laboratory information system
- Compact, space-saving design is great for tight workspaces
- Random access provides convenience and flexibility, allowing tests to be run at any time and in any order
- Automatic temperature correction delivers better reproducibility of results by normalizing values to 18 °C



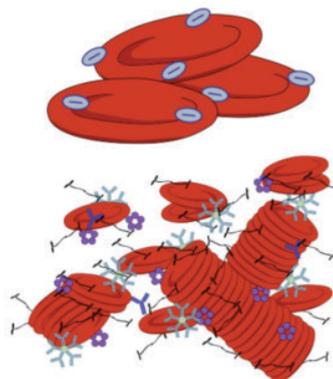
ABOUT SEDIMENTATION RATE

Normal Erythrocytes

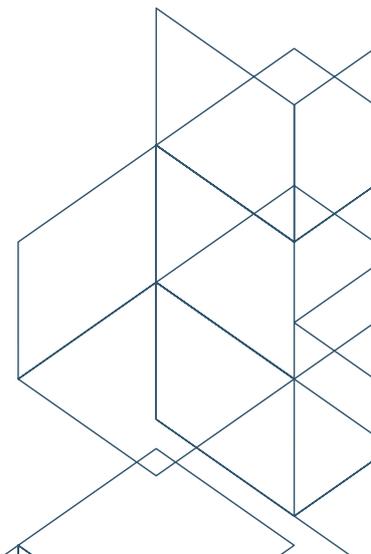


Negatively charged erythrocytes; low sedimentation rate.

Inflammation and Infection



Less negatively charged erythrocytes; sedimentation occurs, stimulated by all the different factors that increase rouleaux formation and sedimentation.



EXCYTE MINI AUTOMATED ESR ANALYZER

- Ten position ESR analyzer capable of performing up to 40 sed rate tests per hour
- Fast installation and easy to use
- Perfect for in-house, lower volume ESR testing
- Optional barcode scanner quickly scans patient identification, saving time while ensuring positive ID
- Optional printer automatically prints patient results, eliminating transcription errors



Optional printer



Optional barcode scanner

EXCYTE 20 AUTOMATED ESR ANALYZER

- Twenty position ESR analyzer capable of performing up to 80 sed rate tests per hour
- Testing volumes up to 5,000 tests per month
- Compact, all-in-one automated ESR analyzer with onboard mixing, scanning, and printing for an efficient workflow
- Onboard, daily quality control allows lot number and value range entry for normal and abnormal controls
- Stores daily QC results for quick retrieval and automatically creates Yudson Plot graphs to quickly analyze daily QC results
- Patient result archive stores up to 500 patient results with ID that can be retrieved on screen or printed at any time



EXCYTE DUO-MIX

- Mixes blood samples, controls, or other biological liquids
- Accommodates up to 40 samples plus controls
- Fits 13 mm or 8-10 mm tubes
- Compact, quiet, and simple to use
- Various interchangeable racks
- Racks can be stored in multiple locations and safely transported to the laboratory for mixing



ACCU-SED® PLUS ESR BI-LEVEL CONTROL

QUALITY CONTROL HAS NEVER BEEN EASIER

- Monitor the performance of sed rates
- 18-month shelf life from date of manufacture provides extended shelf life and consistent results over time
- 31-day open-vial stability at room temperature eliminates the need for refrigerated storage or warming time after opening



VQC: ACCU-SED PLUS QC PROGRAM

- Online, real-time, quality control evaluation and comparison program
- Assists with evaluating the performance of your ESR analyzer by comparing your QC results to those of other laboratories worldwide using the same instrument and same lot of controls
- Monthly reports assist with routine record-keeping
- Participation in a peer group comparison program is considered good lab practice
- Provided at no additional charge



GET EXCYTED! PLACEMENT PROGRAM

Acquiring an Excyte Automated ESR Analyzer is simple and stress-free, with no upfront instrument cost. The Get Excyted! Placement Program provides an Excyte analyzer at no cost in exchange for a three-year commitment of Excyte tubes and Accu-Sed Plus controls. Service and unlimited technical telephone support is also included at no cost with continued tube usage. If there is a problem with your Excyte analyzer, ELITechGroup exchanges the analyzer and sends a working replacement the same day.



EXCYTE ESR TUBES

- Closed-tube sampling and testing increases the safety of laboratory personnel by reducing exposure to bloodborne pathogens
- Direct draw plastic tubes eliminate exposure to sharps
- Superior reading results
- Pre-filled with sodium citrate for automatic sample dilution
- Conveniently packaged in boxes of 50
- Offered in both vacuum (plastic and glass) and non-vacuum (glass)



SPECIFICATIONS

Excyte® Mini

Dimensions	6 in x 8 in x 4 in (H x W x D)
External Power Supply	100 - 240 Vac, 50/60 Hz
Power Consumption	12 Vdc, 1.5A
Weight	2 lbs.
Room Temperature	15 ° - 32 °C
Humidity	10% - 95%

Excyte® 20

Dimensions	8.5 in x 13.5 in x 10.5 in (H x W x D)
External Power Supply	100 - 240 Vac, 50/60 Hz
Power Consumption	12 Vdc, 3.5A
Weight	11 lbs.
Room Temperature	15 ° - 32 °C
Humidity	10% - 95%

Excyte® Duo-Mix

Dimensions	6.5 in x 14 in x 6.5 in (H x W x D)
External Power Supply	AC input 100-240 Vac. 1.8A, 50/60 Hz. DC output 12VDC 5A
Weight	4.25 lbs.

Excyte® ESR Tubes

Excyte ESR Vacuum Tubes (Plastic)	Sterile and pre-filled with sodium citrate Evacuated to draw 1.36 mL
Excyte ESR Vacuum Tubes (Glass)	Irradiated and pre-filled with sodium citrate Evacuated to draw 1 mL sample
Excyte ESR Non-Vacuum Tubes (Glass)	Irradiated and pre-filled with sodium citrate Non-evacuated for transfer fill and testing

ORDER INFORMATION

Catalog Number	Description	Catalog Number	Description
EX-10318	Excyte 20 Automated ESR Analyzer (glass tube compatible)	EP-10605	Excyte ESR Vacuum Tubes (Plastic) 50 tubes/box
EP-10618	Excyte 20 Automated ESR Analyzer (plastic tube compatible)	EX-50205	Excyte ESR Vacuum Tubes (Glass) 50 tubes/box
EX-10310	Excyte Mini Automated ESR Analyzer (glass tube compatible)	EX-50100	Excyte ESR Non-Vacuum Tubes (Glass) 50 tubes/box
EP-10610	Excyte Mini Automated ESR Analyzer (plastic tube compatible)	DS-71002	Accu-Sed® Plus Normal ESR Control Kit 5 x 8.5 mL
EX-10585	Excyte Duo-Mix	DS-71003	Accu-Sed® Plus Abnormal ESR Control Kit 5 x 8.5 mL
EX-10551	Excyte Barcode Scanner	DS-71005A	Accu-Sed® Plus Normal / Abnormal ESR Control Set 5 x 2 x 8.5 mL
EX-13886	Excyte Printer		
EX-13888	Excyte Thermal Paper 3 rolls per pack		



WORLDWIDE OFFICES

Please contact your sales representative for terms, conditions and product availability in your country.

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Belgium & Luxembourg
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