

## 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
- Superior reading results
- Pre-filled with sodium citrate for automatic sample dilution
- Conveniently packaged in boxes of 50
- Offered in both vacuum and non-vacuum



### 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 (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	EX-50205	Excyte ESR Glass Vacuum Tubes 50 tubes/box
EX-10310	Excyte Mini Automated ESR Analyzer	EX-50100	Excyte ESR Glass Non-Vacuum Tubes 50 tubes/box
EX-10585	Excyte Duo-Mix	DS-71002	Accu-Sed® Plus Normal ESR Control Kit 5 x 8.5 mL
EX-10551	Excyte Barcode Scanner	DS-71003	Accu-Sed® Plus Abnormal ESR Control Kit 5 x 8.5 mL
EX-13886	Excyte Printer	DS-71005A	Accu-Sed® Plus Normal/Abnormal ESR Control Set 5 x 2 x 8.5 mL
EX-13888	Excyte Thermal Paper 3 rolls per pack		



ELITechGroup Inc.  
Logan, UT · USA

1.800.453.2725

© 2025 ELITechGroup, Inc. All rights reserved.  
Excyte® and Accu-Sed® are registered trademarks of ELITechGroup Inc.



Online information  
GetExcyted.com



BMS-60-0045-01D



RECOGNIZED MARKET LEADER IN AUTOMATED ESR TESTING

## EXCYTE® AUTOMATED ESR ANALYZERS

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

Innovation with Integrity

## 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

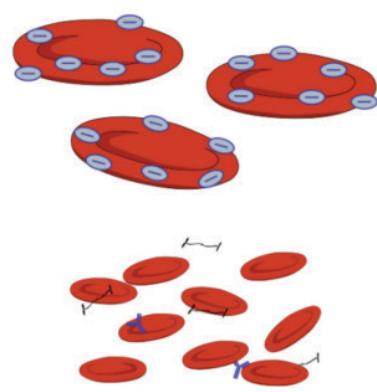
### BENEFITS OF EXCYTE

- High correlation to the gold standard Westergren method ( $r \geq 0.98$  at 30 minutes), 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



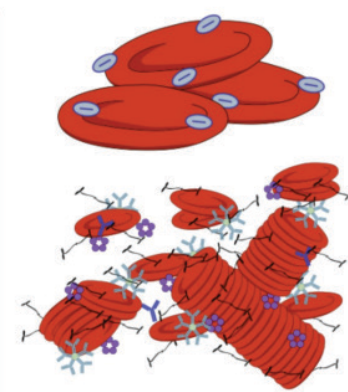
## ABOUT SEDIMENTATION RATE

### 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 Youden 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



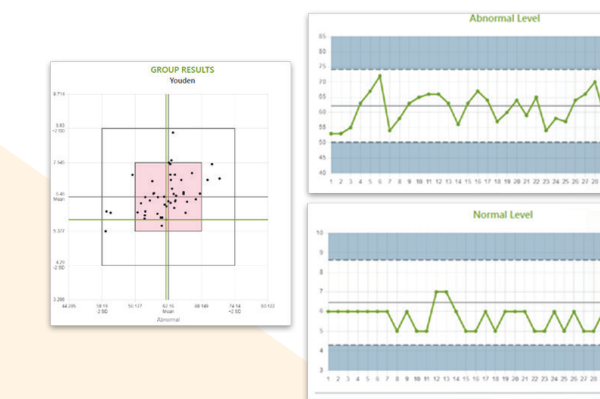
## ACCU-SED® PLUS ESR BI-LEVEL CONTROL

### 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



ESR - 9095																																																													
Year	Lot	Control	Year	Group	Year	Group	Year	Group	Year	Peer	Peer																																																		
Number	Level	Unit	Mean	SD	CV	SD	CV	SD	Peer	Index	Index																																																		
ESR	210210	1	5.74	6.48	6.83	10.89	5.08	16.70	31	1119	-0.68	0.83																																																	
ESR	210110	2	41.74	42.16	3.28	8.56	3.99	9.43	31	1102	-0.07	0.89																																																	
<table border="1"> <thead> <tr> <th>Year</th> <th>Lot</th> <th>Control</th> <th>Year</th> <th>Group</th> <th>Year</th> <th>Group</th> <th>Year</th> <th>Group</th> <th>Year</th> <th>Peer</th> <th>Peer</th> </tr> <tr> <th>Number</th> <th>Level</th> <th>Unit</th> <th>Mean</th> <th>SD</th> <th>CV</th> <th>SD</th> <th>CV</th> <th>SD</th> <th>Peer</th> <th>Index</th> <th>Index</th> </tr> </thead> <tbody> <tr> <td>ESR</td> <td>210210</td> <td>1</td> <td>5.60</td> <td>6.41</td> <td>6.71</td> <td>12.48</td> <td>5.00</td> <td>16.90</td> <td>30</td> <td>945</td> <td>-0.7</td> <td>0.74</td> </tr> <tr> <td>ESR</td> <td>210110</td> <td>2</td> <td>59.71</td> <td>42.40</td> <td>5.12</td> <td>8.58</td> <td>5.89</td> <td>9.43</td> <td>30</td> <td>3628</td> <td>-0.47</td> <td>0.91</td> </tr> </tbody> </table>												Year	Lot	Control	Year	Group	Year	Group	Year	Group	Year	Peer	Peer	Number	Level	Unit	Mean	SD	CV	SD	CV	SD	Peer	Index	Index	ESR	210210	1	5.60	6.41	6.71	12.48	5.00	16.90	30	945	-0.7	0.74	ESR	210110	2	59.71	42.40	5.12	8.58	5.89	9.43	30	3628	-0.47	0.91
Year	Lot	Control	Year	Group	Year	Group	Year	Group	Year	Peer	Peer																																																		
Number	Level	Unit	Mean	SD	CV	SD	CV	SD	Peer	Index	Index																																																		
ESR	210210	1	5.60	6.41	6.71	12.48	5.00	16.90	30	945	-0.7	0.74																																																	
ESR	210110	2	59.71	42.40	5.12	8.58	5.89	9.43	30	3628	-0.47	0.91																																																	

- 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