



Hematology

excyte®

AUTOMATED ESR ANALYZER

**Erythrocyte**  
Sedimentation Rate

 **ELITechGroup**  
EMPOWERING IVD

## The Excyte family of automated ESR analyzers by ELITechGroup are packed full of features designed for safety and cost efficiency.

### Fast Results:

Sedimentation rate results in as little as 15 minutes.

### Closed Tube Sampling & Testing

Increases the safety of your laboratory personnel by reducing exposure to blood while providing superior reading results.

### Random Access

Provides your laboratory convenience and flexibility, allowing you to run tests at anytime and in any order.

### Excellent Correlation

Delivers excellent correlation with the manual Westergren method, giving your laboratory confidence in reporting your results.

### Automatic Temperature Correction

Delivers better reproducibility of results by normalizing the values to 18°C.

### RS232 Interface

Provides the ability to interface to your Laboratory Information System.

### Small Footprint

Compact, space-saving design is great for tight work spaces.

## Meets CLSI and ICSH guidelines



### Getting an Excyte

With the Get Excyted! Placement Program, acquiring an Excyte Automated ESR Analyzer is simple and stress free. Your laboratory agrees to purchase Excyte ESR Tubes (Vacuum or Non-Vacuum) from your distributor each month, and ELITechGroup will provide you with an Excyte analyzer for use in your laboratory. That's it. Now that is something to Get Excyted! about.

### Service & Support

No hassle service and support, the way it should be. ELITechGroup's commitment to providing quality service and support continues with the Excyte family of analyzers. When you acquire an Excyte analyzer through the Get Excyted! Placement Program\*, there are no service contracts or hidden costs, it's all included. You receive unlimited telephone technical support, and if there is a problem with the Excyte analyzer, ELITechGroup sends you a working replacement the same day. When you receive the replacement Excyte analyzer, you send us the analyzer in need of service. That's it. Now that is something to Get Excyted! about.

\* Subject to restrictions, contact your distributor or ELITechGroup for complete details.

# Analyzers and Tubes

**excYTE® mini**  
AUTOMATED ESR ANALYZER



## EXCYTE® MINI

### Fast Results

Performs a complete sed rate test in as little as 15 minutes, with optional pre-indication in 10 minutes. The ExcYTE Mini holds up to 10 samples, providing your laboratory the capability of performing up to **40 SED RATE TESTS PER HOUR**.

### Barcode Scanning (Optional)

Quickly scans patient identification, saving your laboratory valuable time while ensuring positive ID during testing.

### Printer (Optional)

Automatically prints patient results, eliminating transcription errors.

### Technical Specifications

Analyzer Dimensions: 6 in x 8 in x 4 in  
(H x W x D)

Weight: 2 lbs

### Power Requirements

External Power Supply: 100 - 240 Vac, 50/60 Hz  
Power Consumption: 12 Vdc, 1.5A

### Environmental

Room Temperature: 15° - 32°C  
Humidity: 10% - 90%

Product	Part No.	Optional Accessories	Part No.
ExcYTE Mini (glass tubes)	EX-10310	ExcYTE Printer	EX-13886
ExcYTE Mini (plastic tubes)	EP-10610	ExcYTE Barcode Scanner	EX-10551

# Analyzers and Tubes

## excyte® 20

AUTOMATED ESR ANALYZER



### EXCYTE® 20

#### Fast Results & High Capacity

Performs a complete sed rate test in as little as 15 minutes. The Excyte 20 holds up to 20 samples, providing your laboratory the capability of performing up to **80 SED RATES PER HOUR.**

#### Mixing

On-board mixing provides a more consistent mix and eliminates transfer time from an external mixer to the analyzer, which increases reliability of results while saving time.

#### On Board Quality Control

Allows lot number and value range entry for normal and abnormal controls, stores daily QC results for quick retrieval, and automatically creates Yudon Plot graphs to quickly analyze daily QC results.

#### Patient Results Archive

Stores up to 500 patient results with ID that can be retrieved on screen or printed at any time.

#### Printer

The built-in printer automatically prints patient and QC results after each test is complete, eliminating the possibility of transcription errors. You can also print all stored tests and QC data.

#### Barcode Scanner

The built-in barcode scanner quickly scans and stores patient identification, saving your laboratory valuable time.

#### Technical Specifications

Analyzer Dimensions: 8.5 in x 13.5 in x 10.5 in (H x W x D)      Weight: 11 lbs

#### Power Requirements

External Power Supply: 100 - 240 Vac, 50/60 Hz  
Power Consumption: 12 Vdc, 3.5A

#### Environmental

Room Temperature: 15° - 32°C  
Humidity: 10% - 90%

Product	Part No.
ExcYTE 20 (glass tubes)	EX-10318
ExcYTE 20 (plastic tubes)	EP-10618

# Accessories

**excYTE®**  
DUO-MIX



## EXCYTE® DUO-MIX

The ExcYTE Duo-Mix is a multifunctional mixer perfect for busy laboratories. This compact, quiet mixer is simple to use and designed to perform the mixing of blood samples, controls or other biological liquids.

- Accommodates up to 40 samples, plus controls, at one time
- Fits either 13 mm or 8-10 mm tubes (13 mm rack sold separately)
- Variety of interchangeable racks optimize workflow
- Racks can be stored in multiple locations and can be safely transported to the laboratory for mixing
- Compact and quiet

### Technical Specifications

Analyzer Dimensions: 6.5 in x 14 in x 6.5 in  
(H x W x D)

Weight: 4.25 lbs

### Power Requirements

External Power Supply: AC input 100-240 Vac  
1.8A, 50/60 Hz  
DC output 12VDC 5A

Part No.	Configuration
EX-10573	40 positions: 8-10 mm tubes
EX-10575	Duo-Mix single rack 13 mm tubes

# Tubes and QC

## EXCYTE® ESR VACUUM TUBES

The proven and reliable Excyte ESR product line features a full range of tubes that includes both glass and plastic tubes. The Plastic ESR tube offers the same direct draw ability as our glass ESR tubes with the piece of mind that a slip in the laboratory means no exposure to glass sharps and potential pathogens. If your lab is concerned with both safety and accuracy, then the Excyte Plastic ESR Vacuum Tubes meet your needs.



### Excyte ESR Vacuum Tubes (Plastic)

- No breaking. Transporting tubes from point of draw to analysis site is made safer. If a tube is dropped, there is no exposure to glass sharps or potential pathogens.
- Sterile and pre-filled with sodium citrate for automatic sample dilution
- Conveniently packaged in boxes of 50
- Closed system design provides direct sample collection and automatic dilution, which eliminates exposure to blood
- Evacuated to draw 1.36 mL sample with a standard needle holder
- High altitude tubes available upon request



### Excyte ESR Vacuum Tubes (Glass)

- Irradiated and pre-filled with sodium citrate for automatic sample dilution
- Conveniently packaged in boxes of 50
- Closed system design provides direct sample collection and automatic dilution, which eliminates exposure to blood
- Evacuated to draw 1 mL sample with a standard needle holder



### Excyte ESR Non-Vacuum Tubes (Glass)

- Irradiated and pre-filled with sodium citrate for automatic sample dilution
- Conveniently packaged in boxes of 50
- Non-evacuated for transfer fill and testing

Product	Part No.
Excyte ESR Vacuum Tubes (Plastic)	EP-10605
Excyte ESR Vacuum Tubes (Glass)	EX-50205
Excyte ESR Non-Vacuum Tubes (Glass)	EX-50100

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

### Quality control has never been easier

Accu-Sed Plus ESR Control is a bi-level control for use in monitoring the performance of erythrocyte sedimentation rate procedures (ESR).



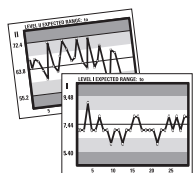
### 18 month dating\*

Provides extended shelf life and consistent results over time.

\*From date of manufacture

### 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

ELITechGroup's online, real time QC program is provided at no additional cost. Monthly reports assist with routine record-keeping and assist with evaluating the performance of your ESR system by comparing your results to those of other laboratories using the same instrument and the same lot of Accu-Sed Plus controls. Visit [www.elitechgroup.com/vqc](http://www.elitechgroup.com/vqc) for details.

Contents	Description	Part No.	Contents	Description	Part No.
Normal ESR Control Kit	5 vials x 8.5 mL	DS-71002	ESR Control Evaluation Set	1 vial x 8.5 mL normal	DS-71004
Abnormal ESR Control Kit	5 vials x 8.5 mL	DS-71003		1 vial x 8.5 mL abnormal	
			ESR Control Set	5 vials x 8.5 mL normal	DS-71005A
				5 vials x 8.5 mL abnormal	

## About ELITechGroup

The ELITechGroup is a privately held group of worldwide manufacturers and distributors of in vitro diagnostic equipment and reagents. By bringing together IVD specialty companies that offer innovative products and solutions, ELITechGroup has become a major contributor in advancing clinical diagnostics to laboratories in the proximity market, those operating closer to the patient. The ELITechGroup manufactures and distributes diagnostic products for clinical chemistry, microbiology, immunology, and molecular biology through direct sales and a distribution network encompassing more than 100 countries.

### Distributed by:



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ELITechGroup has been certified by BSI to ISO 13485:2016 under certificate numbers MDSAP 689350 and FM 703046



### WORLDWIDE OFFICES

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

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