



# ESR-100™

An automated sedimentation rate analyzer.

The ESR-100 automated analyzer is designed to accurately and precisely measure the sedimentation rate of erythrocytes in ESR-Vacuum Tubes. Features of the ESR-100 include:

- > 98% Correlation to Modified Westergren Method
- 2.0 ml sample volume
- Automated Sample ID
- Random access
- Results in 30 minutes
- Built-in Printer
- Barcode Scanner

## Convenient

The ESR-100 automatically reports results in 30 minutes. A calculated prediction is available in 15 minutes. The ESR-100 tests 100 tubes simultaneously and up to 200 samples per hour. The optional pediatric module can run up to 20 pediatric samples (1.2ml) per hour. The ESR-100 may be interfaced with a Laboratory Information System (LIS).

## Closed System

ESR-Vacuum Tubes are a safe alternative offering direct-draw blood collection that eliminates unnecessary transfers of patient samples. However, patient samples may also be transferred from an EDTA blood collection tube into an ESR-Vacuum Tube.

## Stable

ESR-Vacuum Tubes preserve the integrity of the patient sample for up to 72 hours when transported or stored at 2-10°C.

### Product - United States

### Catalog #

ESR-100 Unit 110V . . . . .	240308
ESR-100 Pediatric Unit 110V . . . . .	240328
ESR-655 Mixer 110V . . . . .	240318
ESR Barcode Scanner . . . . .	240329
ESR Printer Paper (5 rolls) . . . . .	240344
ESR-Vacuum Tubes™ 1.2ml - 1 box (100 tubes) . . . . .	240360
ESR-Vacuum Tubes™ 2.0ml - 1 box (100 tubes) . . . . .	240320

### Product - International

### Catalog #

ESR-100 Unit 230V (Power adapter: EUR, AUS, UK) . . . . .	240272
ESR-100 Pediatric Unit 230V (Power adapter: EUR, AUS, UK) . . . . .	240209
ESR-655 Mixer 230V (Power adapter: EUR, AUS, UK) . . . . .	240270
ESR Barcode Scanner . . . . .	240329
ESR Printer Paper (5 rolls) . . . . .	240344
ESR-Vacuum Tubes™ 1.2ml - 1 case (1200 tubes) . . . . .	240362
ESR-Vacuum Tubes™ 2.0ml - 1 case (1200 tubes) . . . . .	240364

## ESR-Chex Control

ESR-Chex is a sedimentation rate control manufactured at two levels, normal and abnormal. Controlling the sedimentation rate procedure with ESR-Chex allows the clinical laboratory to meet internal quality control standards and regulatory compliance. ESR-Chex is a positive procedure control for manual and automated sedimentation rate methods. ESR-Chex has a 95-day open-vial stability and a 12-month closed-vial stability.

Level	Description	Catalog #
Level 1 & 2 . . . . .	2 x 9.0 ml . . . . .	214102
Level 1 & 2 . . . . .	4 x 9.0 ml . . . . .	214104
Level 1 & 2 . . . . .	6 x 9.0 ml . . . . .	214106
Level 1 & 2 . . . . .	8 x 9.0 ml . . . . .	214108
Level 1 & 2 . . . . .	12 x 9.0 ml . . . . .	214112

U.S. Patents 5,895,760; 5,863,799; 5,888,822; 6,017,764; 6,051,433; 6,124,089; 6,159,682; 6,265,148; 6,342,391; 6,331,435; 6,531,321

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