



Ultimate ESR Technology

Providing Vital Solutions for Your Laboratory™

ERYTHROCYTE SEDIMENTATION RATE

ESR ANALYSERS

MIX-Rate Series

Automated ESR solution for smaller sized laboratories

MIX-Rate™

Combines mixing and ESR determination in one easy to use instrument.

Features:

- 10 Channels
- Internal Mixing
- Random Access or Batch Analysis
- Up to 40 tests/hr
- 30 or 15 minutes working time
- Pre-Reading after 10 minutes
- Measurement; infrared detector
- Correlated to westergren method
- Automatic temperature correction (Manley)
- Can be connected to a PC or a printer

Available Accessories:

- Scanner
- Printer

Order code: PRD-MXR-EL-08TKNS (for glass ESR tubes)

Order code: PRD-MXR-EL-09KR (for plastic ESR tubes)



MIX-Rate X20™

All the features of MIX-Rate, plus built in positive sample identification and printer.

Features:

- 20 Channels
- Internal Mixing
- Random Access or Batch Analysis
- 15 – 30 – 60 minutes working time
- Up to 80 tests/hr
- Built in Printer and Barcode Scanner
- No need for any accessories
- Internal keyboard
- Host connection
- Measurement; infrared detector
- Correlated to westergren method
- Automatic temperature correction (Manley)
- QC Software
- Graphic user interface

Order code: PRD-X20-EL-08TKN (for glass ESR tubes)

Order code: PRD-X20-EL-09KR (for plastic ESR tubes)



MIX-Rate X100™

The ideal automated ESR solution for large laboratories.

Features:

- 100 Channels
- Random Access or Batch Analysis
- 15 – 30 – 60 minutes working time
- Up to 400 tests/hr
- Host Connection
- QC
- Built in Printer and Barcode Scanner
- Measurement; infrared detector
- Correlated to westergren method
- Automatic temperature correction (Manley)
- Internal keyboard
- Graphic user interface

Available Accessories:

- Mixer

Order code: PRD-MZS-EL-08TKN (for glass ESR tubes)

Order code: PRD-MZS-EL-09TKR (for plastic ESR tubes)



ERYTHROCYTE SEDIMENTATION RATE ESR TUBES

ESR Tubes

Monosed GEO11B™; Vacuum Tubes

Vacuum glass tubes containing Sodium Citrate (3.2% - 0.13M) as anticoagulant.

- Aspiration volume 1.28mL
- Black butyl rubber cap
- 12 month expiry date
- E-Beam Irradiated

GEO11B vacuum tubes are designed to collect the required volume of whole blood (1.28mL, assuming an altitude of 250m above or below sea level) for the Vital Diagnostics® ESR systems.

(Use of ESR tubes other than supplied by Vital Diagnostics® is not recommended).

Order Code: PRD-PRV11B (Standard Vacuum)

Pack Size: 100 tubes / box

Order Code: PRD-PRV11V (Special Vacuum)*

Pack Size: 100 tubes / box

*ESR tubes for use at different altitudes are available upon request.

Minimum order quantities apply.

Monosed GEO11B™; Non Vacuum Tubes

Non vacuum glass tubes containing Sodium Citrate (3.8% - 0.13M) as anticoagulant.

- Red butyl rubber cap
- 12 month expiry date
- E-Beam Irradiated

GEO11B non vacuum tubes can be manually filled with blood.

Order Code: PRD-PRV11NV

Pack Size: 100 tubes / box

Excyte Plastic ESR Vacuum Tubes

- Vacuum plastic tubes containing Sodium Citrate (3.2% 0.109mol) as anticoagulant
- Aspiration volume 1.36mL
- Black Butyl rubber cap
- 12 month expiry

*Excyte plastic ESR tubes are specifically designed for use with MIXrate ESR analysers modified for plastic tubes only.

Order Code: EP-10605

Pack Size: 50 tubes / box

*Conversion kits are available to convert instruments from glass tubes to plastic tubes.



ESR ANALYSERS

Enhanced Microsed™ System

Automated ESR solution for smaller sized laboratories who require "walk away" capability.

Features:

- 10 Channels
- Random Access
- Up to 40 tests/hr
- 15 or 30 minute working time
- Pre-Reading after 11 minutes.

Available Accessories:

- Printer
- Scanner
- Mixer
- Key Card

Order code: PRD-MSS-EL-08TKN (for glass ESR tubes)

Order code: PRD-MSS-EL-09TKN (for plastic ESR tubes)



ERYTHROCYTE SEDIMENTATION RATE

QC AND ACCESSORIES



ESR Quality Control

Accu-sed ESR Bi-level control

- Ready to use
- 18 month shelf life
- 31 day open vial stability at room temperature
- Expected control ranges available for a range of automated and manual diluted westergren methods

Order Code:	DS-71002	Normal ESR Control Kit; 5 vials x 8.5mL
	DS-71003	Abnormal ESR Control Kit; 5 vials x 8.5mL
	DS-71005A	ESR Control Set; 5 vials x 8.5mL Normal 5 vials x 8.5mL Abnormal

REAL TIME QC Software

VQC, Vital Diagnostics® quality control program, is the latest product in online, real time, electronic Quality Control. VQC is a free data analysis service that streamlines the QC process. Through peer group analysis studies, any laboratory participating in VQC can compare its laboratory's precision and accuracy to other laboratories throughout the world. QC results are entered daily and submitted for analysis. Analysis reports comparing your lab to the group can be run at anytime.

ESR Accessories

Reading Scale

Perfect back-up system for ESR Analysers, 10 channels, manual reading in 30 minutes. Correlated to 1hr westergren. Can be used for 8mm & 9mm tubes. Can be used for both glass and plastic tubes.

Order Code: PRD-90-008



Duo-Mix™

Multi-function mixer with 4 different programs and accepts a wide range of tubes (from 8 to 13mm diameter).

Order Code: PRD-MIX-EL-0808TKN



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