

VIDRO  
LAB2

VITAL<sup>®</sup>  
DIAGNOSTICS

Ultimate ESR Technology

Providing Vital Solutions for Your Laboratory™

## ERYTHROCYTE SEDIMENTATION RATE MIXRATE 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
- 15 - 30 - 60 minutes working time
- Measurement; infrared detector
- Correlated to westergren method
- Automatic temperature correction (Manley)
- Can be connected to an external printer

Available Accessories:

- Scanner
- Printer

Order code: PRD-MXR-EL-08TKNS (for glass ESR tubes)<sup>1</sup>

Order code: PRD-MXR-EL-09TKRS (for plastic ESR tubes)<sup>1</sup>



#### 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-09TKR (for plastic ESR tubes)<sup>1</sup>



#### 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)



1. Minimum order quantities apply

## ERYTHROCYTE SEDIMENTATION RATE ESR TUBES

### ESR Tubes

#### MONOSED GEO11B™; Vacuum Tubes

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

- Aspiration volume 1.28mL
- Black butyl rubber cap
- At least 15 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)\*<sup>1</sup>

Pack Size: 100 tubes / box

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

#### MONOSED GEO11B™; Non Vacuum Tubes

Non vacuum glass tubes containing Sodium Citrate (3.2%) as anticoagulant.

- Red butyl rubber cap
- At least 15 month expiry date

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
- Sterile

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

Order Code: EP-10605

Pack Size: 50 tubes / box



## AUTOMATED ESR ANALYSER

### Enhanced Micosed™ System

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

Features:

- 10 Channels
- Random Access
- Up to 40 tests/hr
- 15 - 30 - 60 minutes reading time capability
- Pre-Reading after 11 minutes

Available Accessories:

- Printer
- Scanner
- Mixer
- Key Card

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

Order code: PRD-MSS-EL-09TKNE (for plastic ESR tubes)<sup>1</sup>



1. Minimum order quantities apply

# ERYTHROCYTE SEDIMENTATION RATE

## QC AND ACCESSORIES

### ESR Quality Control

#### Accu-Sed ESR Bi-level control

- Ready to use
- At least 15 month shelf life
- 31 day open vial stability at room temperature (2 - 25°C)
- Expected control ranges available for a range of automated and westergren methods

Order Code: DS-71002<sup>2</sup> Normal ESR Control Kit; 5 vials x 8.5mL  
 DS-71003<sup>2</sup> Abnormal ESR Control Kit; 5 vials x 8.5mL  
 ACC90-099 ESR Control Set; 2 vials x 8.5mL Normal  
 2 vials x 8.5mL Abnormal

#### VQC web based ESR QC Programme

VQC, Vital Diagnostics' web based quality control programme, is available to all users of Accu-Sed quality control material. By participating in VQC, laboratories can compare precision and accuracy with other laboratories using Vital Diagnostics ESR systems.

To participate contact Vital Diagnostics or your local Distributor.

### 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  
 PRD-MIX-EL-0813TKN  
 PRD-MIX-EL-1313TKN



2. For USA, Australia and New Zealand only.

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