FEATURES & BENEFITS

Smart Technology
- Modern IR microtechnology
- Robust performance & greater efficiency
- Real time detection of specimens
- Real time measurement and reporting of results
- Temperature compensation
- Automatic compensation referred to 18 °C (Manley)
- Result: in Westergren mm/hr (by interpolation)

Ease of Use
- Easy Start up
- Simply plug into an on-line UPS and start testing
- No training required: No special expertise required
- Fully automated
- Auto start of measurement
- Quick Turn-around time: Easy set up of tests
  - 1. Add specimen to tube
  - 2. Place tube in analyzer
  - 3. Results within 30 minutes

Complete flexibility
- Random access
- Use any open chamber to automatically measure, time and report result
- Provides convenience and flexibility to run tests at anytime and in any order
- No batching of samples
- Each reading chamber individually timed for results

Quality and Reliability of Results
- Reliability of Results
  - Good correlation to 1 hour Westergren method
  - Excellent reproducibility (CV of 5%)
  - Accuracy & Consistency of Results

Productivity Advantage
- Measuring time: 30 minutes
- 20 tests per hour
- Optimization of Lab Workflow Network capability
- Printer helps automatically prints patient results eliminating transcription errors
- Data Management Software (DMS**) for easy management
- Compact size Desktop analyzer thus minimal space required

Advanced features
- Graphical printout of results, if it is connected to a Printer* (which is optional)

Safety of Handling
- Reduced contact with potentially infectious and hazardous blood specimen
- Completely “Closed Analysis System” (while using Vacuum ESR tube for testing) prevents the user from potentially hazardous blood specimen

No Service Maintenance

*Stylus Printer is an Optional Accessory
**DMS is only available to registered users of the ESR analyzer
We strongly recommend use of 8 x 120mm, 1.6ml Vacuum ESR tube for testing

TECHNICAL SPECIFICATIONS

- Application: Blood Sedimentation Rate Analysis
- Loading Capacity: Maximum 10 samples
- Loading Pattern: Random Access
- Reading chambers: 10 (ten)
- Analytical capacity: Maximum 20 tests/hour
- Loading capacity: Maximum 10 samples at a time
- Analysis time: 30 minutes
- Throughput: 20 specimens per hour
- Results: In Westergren mm/hr (by interpolation)
- Test Tube: 1.1ml - 1.28 ml blood
- Temperature correction: Results auto corrected to 18 °C (Manley method)
- Measurement principle: Infrared (IR) detection
- Reading resolution: +/- 0.2 mm (Mechanical/ Optical precision - detection by software controlled by encoder resolution)
- Result resolution: +/- 1 mm
- Blood draw level: +4 mm / -10 mm from acceptable range
- Measurement range: 1 – 140 mm/hr
- Reproducibility: CV < 5% (sample dependent)
- Display: LCD 40 x 2 with back-light
- Interface: LPT for printer & RS 232 for Computer
- Dimensions (w x h x d): 22 cm x 21.6 cm x 17.5 cm
- Operating conditions: Temperature 13 °C – 31 °C
  - Humidity 45% – 85%
- Weight: ~2.5 kg
- Power Adaptor: Input 110-220V AC 50/60 Hz
  - Output SV 3A
- Power for Analyzer: Input SV 3A
- Software: Integrated according to software version
- ESR tubes: 8/120mm, 1.6ml Vacuum/Non-vacuum ESR
- Conformity: ISO 13485 & CE

*Technical Specifications. Colour are subject to change without prior notice.

Clinb.No.:15
Patient ID:
Name:
Sex:M/F
Age:
ESR Value:
1 mm/hr
Results at 18°C

(Printout of ESR result when using the optional Stylus Printer - only for reference)

Exclusively Marketed by:

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