



**MicroMedica[®]
Laboratories**
Improving Lives Together

Automated Erythrocyte Sedimentation Rate (ESR) Analyzer

Measures ESR Directly from EDTA Tubes In 20 minutes



“Opto-pulse AI Technology”

30
Test/Hr

COST EFFICIENCY

- 🔧 Consumables-free
- ♻️ No biohazard waste

USABILITY

- 🕒 Results in 20 minutes
- 📺 Large 7" Capacitive Display

PERFORMANCE

- 🎯 95% agreement with Modified Westergren method

SPECIFICATIONS

Sample	Direct measurement from primary blood collection EDTA tube Primary EDTA tube: (K ₂ /K ₃ EDTA, 13 X 75 mm)
Sample Loading	Random/Batch/Continuous access
Sample Volume	Minimum 1.0 mL and maximum 3.5 mL
Throughput	10 positions, 30 tests/hr
Measuring Method	Infrared light beam/detector
Measuring Time	20 minutes
Results Resolution	+/- 1 mm/hr
Measurement Range	1 - 140 mm/hr
Results Accuracy	~95% agreement with modified Westergren method
Internal QC	A QC stick with pre-determined height (mm) is provided
Display	7-inch capacitive touch display
Thermal Printer	RS-232 port for thermal printer (58 mm) connectivity
Smart Card	Smart card-enabled test count (300, 600 and 1200 Tests cards)
Temperature	18 °C - 40 °C (Operational) and 5 °C - 45 °C (Storage)
Relative Humidity	20% - 85% without condensation
Temperature correction	18 °C-corrected ESR as per Manley table
Patient ID	Supports 16 digits alphanumeric patient ID input including age, sex and name
Customizable Print	Hospital/Lab name integration
Data Transfer	Results and QC data can be transferred through External USB
Memory	5000 sample results
Power Supply	100-240 VAC, 50/60Hz 12V DC 5 A (External adapter)
Dimension	H 260 mm x W 230 mm x D 215 mm
Weight	5.0 Kg

ORDER INFORMATION

Order Code : MML-ESR-010

Description : Direct ESR Analyzer

MML300DT : 300 Test Card

MML600DT : 600 Test Card

MML1000DT : 1000 Test Card

MML2500DT : 2500 Test Card

Thermal printer (Optional)

MML-TPI0

Marketed By :

MICROMEDICA LABORATORIES PRIVATE LIMITED

Registered Add : 2 & 3, Ground Floor, Labh Smruti, 48/C Baptista Road, Vile Parle West, Mumbai, Mumbai Suburban, Maharashtra - 400056.

Corporate Office : 814, 8th Floor, La-Prenda, Junction of Caves and Subhash Road, Jogeshwari (East), Mumbai - 400060

Email : info@micromedicalab.com • Customer Care : +91 9076454949 • Website : www.micromedicalab.com