

ELite3 ELite5



Advanced Hematology Analyzers

ELite 3

Sample method	Open tube system with automatic sample rotor
Sample volume	25 µl of whole blood, pre-diluted mode
Throughput	80 tests/hour
Results	within 45 seconds
Storage capacity	10 000 results, with RBC, PLT and WBC 3-Part histogram
Power requirement	12VDC, 5A, 60W max. operating power
Power supply unit	External, auto-ranging power unit of 100-120 or 200-240 VAC, 50-60 Hz
Dimension	320 × 260 × 365 mm
Weight	12 kg

ELite 5

Sample method	Open and closed tube system with automatic sample rotor
Sample volume	110 µl of whole blood in open or closed mode, 25 µl in Small Sample Mode, pre-diluted
Throughput	60 tests / hour
Power supply unit	From 110-230 VAC, 47 Hz to 63 Hz
Storage capacity	100 000 results with all scatter-grams and histograms
Dimension	410 × 465 × 515 mm
Weight	35 kg or 45 kg with autosampler



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Contact info / map



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Specifications are subject to change without prior notice.
Pictures used only for representation purposes - subject to change without prior notice.

Be a Part of Elite

ELite 3

Benefits

- Only 3 reagents needed (Erba Diluent-Diff, Erba Lyse-Diff, Erba Cleaner), environment-friendly (cyanide free)
- Built-in printer with 58 mm wide roll paper, full report with histograms
- USB interface for support: Host computer, Keyboard, External printers, Upgrade control SW, Data back-up, Hand-held barcode reader
- Usage of standard electronic and mechanic components
- Aperture made from technical ruby

Easy handling

- Full colour LCD touch-screen with high contrast ratio
- User-friendly multilingual operating menu
- Sample rotor ensures safe and easy sampling
- Small-sized, low maintenance

Methods of measurement

- Electrical impedance method
- Photometry – LED based technology for measurement of hemoglobine

Determined parameters

- 22 parameters, complete CBC including 3-part WBC differential
- WBC, RBC, HGB, HCT, MCV, MCH, MCHC, PLT, LYM, MID, GRA, LYM%, MID%, GRA%, RDW-SD, RDW-CV, PDW-SD, PDW-CV, MPV, PCT, P-LCC, P-LCR (research parameters)
- 3 histograms: WBC 3-Part, RBC, PLT

Control and calibration

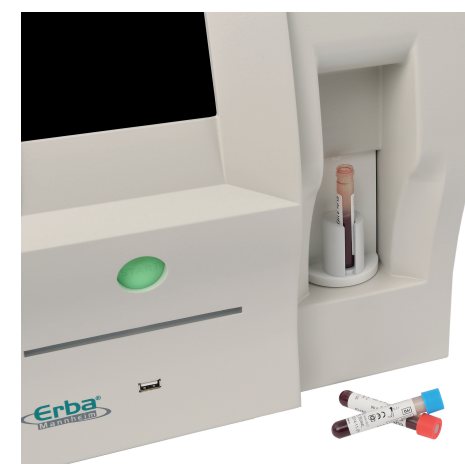
- 3 levels of control blood provided by Erba Lachema for daily quality control measurement (QC) with Levey-Jennings charts
- 2 types of calibration
 - Calibration with factors
 - By measuring of control blood or calibrator
- OC and calibration data stored in the database

Output of results

- Connectable to LIS (laboratory information system)
- Direct printing (built-in thermal printer)
- USB port as a standard

Cleaning and clot protection

- 3 types of cleaning in the analyser:
- High-voltage pulse on aperture
 - Chemical cleaning
 - High pressure back-flush in aperture by using Erba Cleaner reagent



ELite 5

Benefits

- Only 3 reagents needed (Erba Dil-5P, Erba Lyse-5P, Erba Diff-5P), environment-friendly (cyanide free)
- USB interface for support: Host computer, Keyboard, External printers, SW upgrade, Data back-up, Barcode reader (hand-held)
- Usage of standard electronic and mechanic components
- Autosampler with built-in Barcode reader and mixer (up to 100 sample tubes in 10 racks)

Easy handling

- Full colour LCD touch-screen with high contrast ratio
- User-friendly multilingual operating menu
- Sample rotor ensures safe and easy sampling
- Low maintenance

Methods of measurement

- Volumetric impedance change for WBC, RBC and PLT
- Light scattering BASO measurement
- Light scattering 4-diff measurement: LYM, MON, NEU, EOS
- Spectrophotometry for HGB

Determined parameters

- 26-parameters provided, complete CBC including 5-part WBC differential WBC, RBC, HGB, HCT, MCV, MCH, MCHC, PLT, LYM, MON, NEU, EOS, BAS, LYM%, MON%, NEU %, EOS%, BAS %, RDW-SD, RDW-CV, PDW-SD, PDW-CV, MPV, PCT, P-LCC, P-LCR
- 2 histograms: RBC and PLT
- 2 scattergrams: WBC 4-part differential and WBC/BASO

Control and calibration

- 3 levels of control blood provided by Erba Lachema for daily quality control measurement (QC) with Levey-Jennings charts
- 2 types of calibration
 - Calibration with factors
 - By measuring of control blood or calibrator
- OC and calibration data stored in the database

Output of results

- Connectable to LIS (laboratory information system)
- USB port as a standard

Cleaning and clot protection

- 3 types of cleaning available:
- High-voltage pulse on aperture
 - Chemical cleaning with Erba Hypoclean CC
 - High pressure backflush of aperture bay

