

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 x 260 x 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
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 x 465 x 515 mm
Weight	35 kg or 45 kg with autosampler



 **Erba Lachema s.r.o.**
 Karásek 1d, 621 00 Brno, Czech Republic
 Tel.: +420 517 077 111, fax: +420 517 077 077
 E-mail: diagnostics@erbalachema.com
www.erbalachema.com



Contact info / map

Be a Part of Elite

ELITE3/5 20142306EN

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

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 in technical ruby

Easy handling

- Full colour LCD touch-screen with high contrast ratio
- Optional 13 languages
- 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 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
- Optional 8 languages (EN, FR, DE, CZ, PT, RU, ES, Indonesian)
- 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 a 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 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

