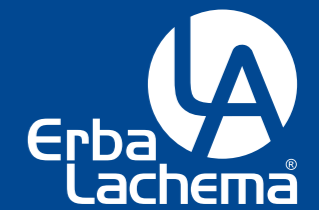




Product webpage

ELite3

Advanced 3-Part Differential Hematology Analyzer



Erba Lachema s.r.o.
Karásek 1d, 621 33 Brno, Czech Republic
Tel.: +420 517 077 111, fax: +420 517 077 077
E-mail: diagnostics@lachema.com
www.eralachema.com



Contact info / map

Feel Comfortable in Hematology



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 8 languages (EN, FR, DE, CZ, PT, RU, ES, Indonesian)
- User-friendly multilingual operating menu
- Sample rotor, ensuring safe and easy sampling
- Small-sized, low-maintenance needed

Principles of measurement

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

Determined analyses

- Provided 20-parameters, complete CBC including a 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
- 3 histograms: WBC 3-Part, RBC, PLT

Control and calibration

- 3 levels of controls blood provided by Erba Lachema for correct and careful every day quality control (QC) with Levey-Jennings charts

- 2 kinds of calibration by coefficient for parameters by measuring of controls blood
- QC and calibration stored in the database
- calibration by user (optional)

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

Technical specification

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:
1000 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

