



Product webpage

ELite5

Advanced 5-Part Differential Hematology Analyzer



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Be a Part of Elite





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, ensuring safe and easy sampling
- Low-maintenance needed

Principles of measurement

- Electrical impedance method and advanced SRV technology
- Photometry for measuring – LED based technology for hemoglobine
- Diode based LASER Technology for 5-Part differential with hydro-dynamic focusing

Determined analyses

- 24-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

- 2 histograms: RBC and PLT
- 2 scatter-grams a WBC 4-Part differential and WBC/Baso

Control and calibration

- 3 levels of controls blood for correct and careful every day quality control (QC) with Levey-Jennings charts
- 2 kinds of calibration by coefficients for parameters by measuring of controls blood
- QC and calibration stored in database
- calibration by user (optional)

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 by Erba Hypoclean CC
- High pressure back-flush of aperture bay

Technical specification

Sample method:
open and close tube system with automatic sample rotor

Sample volume:
110 µl of whole blood in open or close mode

Throughput:
60 tests / hour

Storage capacity:
100 000 results with all scatter-grams and histograms

Power supply unit:
from 110-230 VAC, 47 Hz to 63 Hz

Dimension:
410 x 465 x 515 mm

Weight:
35 kg or 45 kg with autosampler

