Erba ELite 5
Advanced 5 Part Differential Hematology Analyzer

www.lachema.com
**Technical Specification**

**Principles**
- Electrical impedance method with advanced SRV technology for accurate & precise total count
- Diode based LASER Technology for 5 part differential
- Photometry – LED based technology for hemoglobin

**Parameters**
- **24 parameters**
  - 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
  - Plus
  - 2 scatter-grams – WBC 5 part differential & WBC/Baso
  - 2 histograms – RBC & PLT

**Throughput**
- 60 tests / hour

**Sample volume**
- 110µl of whole blood in open & closed mode

**Chambers**
- Dual chamber advanced system for higher accuracy & precision

**Reagent System**
- **3 Reagent System – Environment-friendly reagents**
  - Erbadil-Diff
  - Erbalyse-5P
  - Erbaclean-5P

**Auto Clean Modes**
- Unique ZAP* technology with each analysis cycle
- Chemical cleaning of the aperture
- Back-flush using high-pressure

**Choice of languages**
- English, French, German, Czech, Indonesian, Portuguese, Russian, Spanish

**Data capacity**
- 100 000 results with all scatter-grams & histograms

**Safety**
- Sampling using advanced sample holder
- Optional auto sampler (up to 100 samples in 10 racks)

**Peripheral ports**
- USB interface (4) & PS/2
  - Support for host computer
  - Support for USB or PS/2 keyboard (optional)
  - Support for external printers (hp DeskJet, LaserJet)
  - Support for hand-held barcode reader (optional)

**Data back-up method**
- USB mass storage device

**Software upgrade method**
- Via USB port (using USB mass storage)

**User interface & Display**
- Full colour LCD touch-screen with high contrast ratio
- Status LED

**Dimensions (W x D x H)**
- 410 mm x 465 mm x 515 mm

**Net weight**
- 35 kg

* ZAP all proteins