

Erba ELite5

Advanced 5 Part Differential Hematology Analyzer



Unique
ZAP
Technology

Erba Elite 5

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Technical Specification

Principles	<ul style="list-style-type: none">• 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 <ul style="list-style-type: none">• Erbadil-Diff• Erbalyse-5P• Erbaclean-5P
Auto Clean Modes	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• Sampling using advanced sample holder• Optional auto sampler (up to 100 samples in 10 racks)
Peripheral ports	USB interface (4) & PS/2 <ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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

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