



H7100

Advanced Hematology Analyzer



Fluorescence
Flow Cytometry



70+ Parameters



Throughput up to
100 samples/hour

Making Automation Affordable
for Labs Everywhere

www.erba.com

H 7100 offers advanced clinical parameters in the diagnosis, monitoring, and treatment of various hemolytic disorders



KEY BENEFITS



Extensive parameters featuring reticulocyte panel, Immature granulocytes and Immature platelet fraction

- Retic panel provides real-time insights into response to therapy for anemia related to chronic kidney disease, bone marrow failure syndromes, and hemolytic disorders.
- IG count is a key factor in prognosis for patients with sepsis or critical illnesses. Elevated levels are associated with increased disease severity and higher mortality rates.
- IPF enables early detection of bone marrow recovery for patients undergoing chemotherapy or stem cell transplantation.



70+ parameters including d-NLR, LMR, PLR, HFC, IME, PLT-O

- **d-NLR** – Derived Neutrophil lymphocyte ratio helps to predict inflammation and is used as biomarker in several malignancies. Cut-off value of >2.22 .
- **LMR** – Lymphocyte Monocyte Ratio is a representative marker of systematic inflammation and immune response in many solid tumors, including lung cancer, gastric cancer, breast cancer, and melanoma. Patients with $LMR \leq 4.2$ has poor overall survival.
- **PLR** – Platelet lymphocyte ratio is a marker of inflammation in cardiovascular diseases and autoimmune diseases. Cut off > 100
- **HFC** – High fluorescent count indicates a viral infection Cutoff values $0.1 \times 10^9/L$ and 1.5%
- **IME** – Immature eosinophils: High levels of immature eosinophils are seen in various leukemias. Cut off $> 6 \%$
- **PLT-O** – Platelets are reported by fluorescence flow cytometry thereby eliminating interferences from microcytic or fragmented red cells



Throughput of 100 samples/hr with Inbuilt Auto loader

- Faster results for improved TAT



RFID for reagents

- Helps in real time inventory management



12" Large TFT screen



Data Storage of 150,000 results



7 reagents system

- Including reticulocytes, total 7 reagents in use enables economical per test cost



Usage of cyanide free reagents

- Leads to efficient waste management

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Total Solutions for Clinical Diagnostics

The Devices are in compliance with the IVDR requirements of CE marking

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