



Swelab™ Alfa Plus 3-part hematology analyzer
Better equipped than ever before

Swelab hematology analyzers Still counting. Since 1956.

Unique Features

- Maintenance Free Shear Valve (Patented)
 - Ensures Exact Sample Volume
- Optical Pipettes for Reagents Aspiration
 - Ensures Exact Reagents Volume
- No Start up and Shutdown
- PLT extended count
- Floating discriminator for RBC / PLT
- No Moving Mechanical Parts
- Closed Chambers Prevent Deposits and Rust.
- Pinch Valves



Maintenance-free Swelab Alfa Plus shear valve secures accurate results and lowers maintenance costs

Parameters

- WBC, LYM, MID, GRAN, LYM%, MID%, GRAN%, RBC, MCV, HCT, HGB, MCH, MCHC, RDW%, RDW, PLT, MPV, PCT, PDW%, PDW, P-LCR, P-LCC



Swelab Alfa Plus analyzers deliver a full CBC from just 20 µL of blood, suitable for children and blood banks.

Reagents

- 2 Reagents are used for analysis:
- Swelab Alfa Diluent
 - Swelab Alfa Lyse

Throughput

- 60 samples/hour
- 50 seconds, time to results, OT inlet

Sample volume

- Open tube (OT): 110 µL Capillary
- (MPA): 20 µL
- Prediluted: 20 µL
- Cap piercer: 250 µL
- Autosampler: 300 µL



Pre-load up to 2 × 20 samples and let Swelab Alfa Plus Sampler do the work.

Data Storage

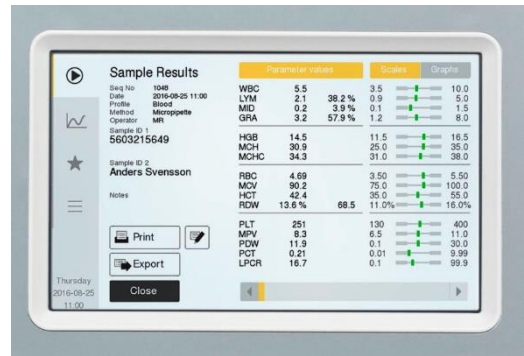
- 50 000 samples with histograms

Display

- 7" TFT touch screen

Interface ports

- 4 USB ports, Supports XML / HL7 protocol
- 1 LAN port that supports LIS/HIS communication through HL7 protocol
- External USB Printer Connectivity
- Data can be transferred to USB Storage as PDF/Excel



Precision (Typical)

- WBC CV $\leq 1.7\%$
- RBC CV $\leq 0.9\%$
- MCV CV $\leq 0.4\%$
- HGB CV $\leq 0.5\%$
- PLT CV $\leq 3.0\%$



Swelab Alfa Plus Basic



Swelab Alfa Plus Standard



Swelab Alfa Plus CAP



Swelab Alfa Plus Sampler

Model characteristics

	Basic	Standard	Cap	Sampler
Built-in tube mixer		•		•
Micro-pipette adapter (MPA)		•	•	•
Maintenance-free shear valve	•	•	•	•
Pre-dilution mode	•	•	•	•
Cap-piercing device			•	•
Autosampler				•

Swelab



Swelab



For more information about Swelab Alfa Plus, kindly visit www.dcls.in

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