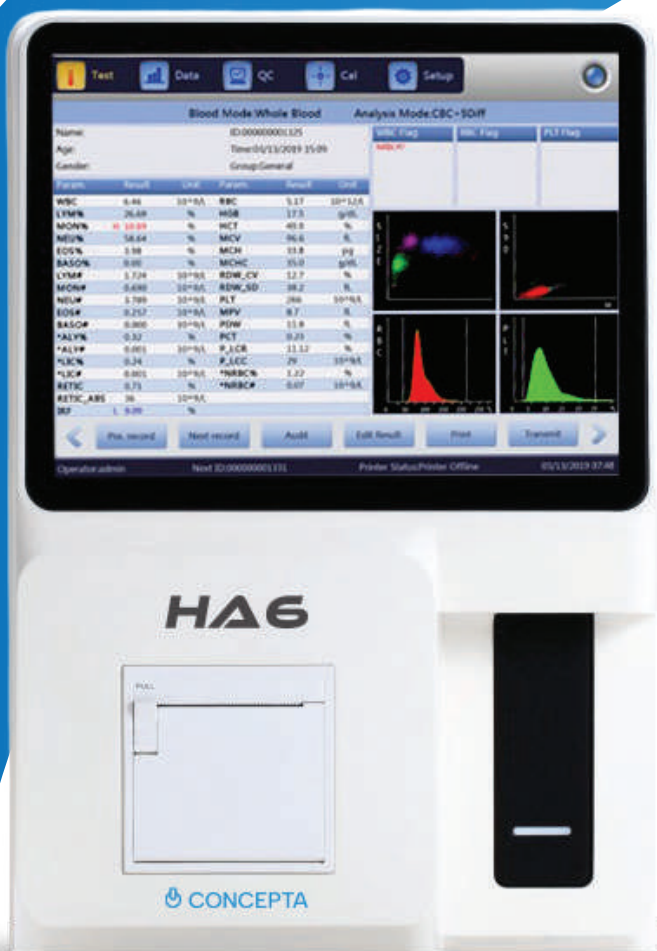




HAG

5-Part Haematology Analyzer

- Throughput up to 60 samples/hour
- 34 Parameters including RETIC_ABS, RETIC% (optional)
- Flow Cytometry (FCM) + Multi Angle Scatter Separation
- Resistant RBC mode
- Compact design of 5 Part Analyzer



Built for precision, designed for efficiency.



- Cyanide free reagent for hemoglobin counting
- 34 parameters, 2 histograms, 2 scatter grams
- Reticulocyte test: RETIC_ABS, RETIC%
- Throughput up to 60 samples/hour
- Impedance method for RBC and PLT counting
- The combination of WIC and WOC for WBC counting
- On board storage capacity of >150,000 samples
- Compatibility of external color printers
- Capacity to integrate into LIS



Smart Features for Smarter Diagnostics



2D Grams

- Two 2D histograms: RBC & PLT
- Two 2D scattergrams:
 - 5-part differential
 - Eosinophil and Neutrophil



Laser Scatter Technology

- Multi-angle scatter separation
- Original cell morphology signal
- Stable and long-lasting



Sheath Flow Regulation

- Sheath reagent for WBC 5-Diff Accuracy
- Chemical dye free technology



Diluting Unit

- Ceramic syringes with low maintenance
- High precision reliable motors
- Separation system for motors and syringes



Operation Interface

- Simple touch operation with user friendly illustrated icons
- Handy tool tips
- Unique HA6 operation interface



Quality Control Solution

- HA6 original QC reagent with multi-method as L-J, X, X-R, X-B, etc.
- Third party QC solution available



Data Management

- On board storage capacity of >150,000 sample results
- Professional data statistics query system



Support

- Individual quality control management
- Online Technical support
- Remote Assistance

Technical Specifications

Principle of operation

WBC/DIFF: Flow cytometry, semi-conductor laser light multi-dimensional cell classification

WBC analysis: Optical and impedance measurements

RBC / PLT analysis: Impedance method

HGB test: Cyanide-free reagent colorimetry

34 Parameters

WBC, LYM%, MON%, NEU%, EOS%, BAS%, LYM#, MON#, NEU#, EOS#, BAS#, RBC, HGB, HGT, MCV, MCH, MCHC, RDW_CV, RDW_SD, PLT, MPV, PDW, PCT, P_LCR, P_LCC, RETIC%, RETIC_ABS, IRF (Optional)

6 Research Parameters: ALY#, ALY%, LIC#, LIC%, NRBC#, NRBC%

2 Histograms for RBC and PLT

2 Scatter grams: 5-part differential scattergram
Eosinophils and Neutrophils scattergram

Reagent

Diluent-5DR, Lyse-5DR, Rinse-5DR, Sheath-5DR

Sampling Modes & Aspiration Volume

Whole blood: 20 µL, Pre-diluent: 20 µL

Throughput

Whole blood: up to 60 samples per hour, pre-diluent: up to 60 samples per hour

Aperture Diameter

WBC 100 µm, RBC/PLT 68 µm

Data Storage

More than 1,50,000 sample results with grams



Alarms

Error messages & pathological flagging

Display

10.4 inch color touch screen

Input/output

Build-in thermal printer. Support serial port, LAN port, USB port

Power

AC 100-240V, 50/60 Hz, 250VA

Dimensions & Weight

530mm (L) x 270mm (M) x 412mm (H), about 26.5kg

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