

HBC 5x

Auto Hematology Analyzer



Specifications

WBC,LYM%,MON%,NEU%,EOS%,BAS%,L YM#,MON#,NEU#,EOS#,BAS#,RBC,
HGB,HCT ,MCV,MCH,MCHC,RDW_CV,RDW_SD,PLT,MPV,PDW ,PCT ,P_LCR
RETIC%, RETIC_ABS, IRF

27 parameters

2 Histograms for RBC and PL T
2 Scatter grams: 5-part differential scatter gram
Eosinophils and Neutrophils scatter gram
2 3-D stereograms

Principles of operation

WBC 5-part:Flow Cytometry(FCM)+ 4 angles laser light scatter
WBC Analysis: Optical and impedance measurements
RBC/PLT Analysis: Impedance method
HGB test: Cyanide-free reagent colorimetry
RET test: Flow Cytometry(FCM)+laser light scatter+Chemical dye method

Sampling modes

Auto loader 160 µL, Manual mode 160 µL, Pre-diluted mode 40ul

Aperture Diameter

WBC 100 µm, RBC/PLT 80 µm

Throughput

Auto loader up to 110 samples per hour
Manual mode up to 100 samples per hour

Sampling device

Automatic sampling device with a capacity of 120 samples,
10 samples × 12 racks, auto built-in barcode reader

Data storage

Up to 200,000 sample results with grams

Alarms

Error messages

Display

PC display with Linux system, 14 inch color TFT display

Dimension

760 × 684 × 676.5 (MM)



Latest Advanced **MAPSS Technology**

HBC 5x

5-Part-Diff Auto Hematology Analyzer

**Laser light and impedance
measurements on WBC**

Manufactured for



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Rev: 201108-5 (20110000)

Specifications subject to change without notice



The quality you deserve, we reserve

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