



ES-HEM-5000

Auto Hematology Analyzer



LABORATORY



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Features

- Touch Screen display.
- 3-part differentiation of WBC.
- 21 parameters + 3 histograms.
- Double chambers for WBC and RBC/PLT.
- Throughput: 60 samples per hour.
- Built-in thermal printer.
- Barcode scanner for option.

Parameters

21Parameters+3Histogram	WBC,LY#,MID#,GR#,LY%,MID%,GR%,RBC,HGB,HCT, MCV,MCH,MCHC,RDW-SD,RDW-CV,PLT,MPV,PDW,PCT, P-LCR、 P-LCC and Histogram for WBC,RBC,PLT															
Method	Coulter principle Colorimetry hamoglobin determination															
Performance	<table border="1"> <thead> <tr> <th>Parameter</th> <th>Linearity range</th> <th>Precision(CV%)</th> </tr> </thead> <tbody> <tr> <td>WBC(10⁹/L)</td> <td>0.0-100.0</td> <td>2.0(4.0-10.0)</td> </tr> <tr> <td>RBC(10¹²/L)</td> <td>0.00-9.99</td> <td>1.5(3.50-5.50)</td> </tr> <tr> <td>HGB(g/L)</td> <td>0-300</td> <td>1.0(110-160)</td> </tr> <tr> <td>PLT(10⁹/L)</td> <td>0-1000</td> <td>5.0(100-300)</td> </tr> </tbody> </table>	Parameter	Linearity range	Precision(CV%)	WBC(10 ⁹ /L)	0.0-100.0	2.0(4.0-10.0)	RBC(10 ¹² /L)	0.00-9.99	1.5(3.50-5.50)	HGB(g/L)	0-300	1.0(110-160)	PLT(10 ⁹ /L)	0-1000	5.0(100-300)
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PLT(10 ⁹ /L)	0-1000	5.0(100-300)														
Throughput	60 tests/hour															
Display	8" color touch screen display															
Sampler Volume	Predilute 20μl Whole blood 10μl															
Intelligent reagent management function	Reagent information and residual display															
Carryover	WBC≤1.5% RBC,HGB<1.0% , PLT≤2%															
Input and Output	1 RS232 , keyboard , Mouse 4 USB , LAN															
Printout	Built-in thermal printer															
Option	External printer , Barcode scanner, LIS															
Operating Environment	Temperature 10-35 oC Humidity ≤90%															
Power Requirement	AC 100-240V 50/60HZ , 300VA															
Demension	Instrument:354mm(H)*430mm(W)*440mm(D) Package:520mm(H)*570mm(W)*600mm(D)															
Weight	Net :17kg Gross:21.8kg															



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