

H3900

3-Part Auto Hematology Analyzer



Features

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

Reagent closed by RFID card

Throughput: 60 samples/hour

Touch Screen: 10.4 inch

Detection Channel: Dual-channel for counting

Data Storage: 600000 sample results

Sample Volume: Whole Blood 9ul, Prediluted 320ul

Counting Modes: L-WBC, L-PLT, L-WBC/PLT

Input/output: 4 USB ports and 1 LAN port

Printout: Available for thermal printer and USB external printer, various types of printer.

Multiple print templates available

Language: Chinese, English, Spanish

Principles: Electrical Impedance Method/Colorimetric Method

Operation Environment: Temperature 10°C to 30°C; relative humidity ≤ 70%

Power Supply: 100-240V, 50/60Hz

Dimension: 460(L)X280(W)X400(H)

Net Weight: 18kg

Performance

Display Range

Parameter	Display Range
WBC	$0.00 \times 10^9 / L \sim 999.99 \times 10^9 / L$
RBC	$0.00 \times 10^{12} / L \sim 18.00 \times 10^{12} / L$
HGB	0g/L $\sim$ 300g/L
PLT	$0 \times 10^9 / L \sim 9999 \times 10^9 / L$
HCT	0% $\sim$ 80%

Blank Range

Parameter	Blank Counting Requirement
WBC	$\leq 0.20 \times 10^9 / L$
RBC	$\leq 0.02 \times 10^{12} / L$
HGB	$\leq 1g/L$
PLT	$\leq 5 \times 10^9 / L$
HCT	$\leq 0.5\%$

Carry Over

Parameter	Carry Over Rate
WBC	$\leq 0.5\%$
RBC	$\leq 0.5\%$
HGB	$\leq 0.5\%$
PLT	$\leq 1.0\%$

