

5 Part Automated DIFF Hematology Analyzer/Cell Counter

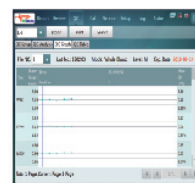
★ Parameter

- Multi-language Chinese, English, French, Spanish, Russian.
- Testing principle Triangular laser scattering technology, electrical impedance, SFT method for hemoglobin.
- Report parameters
WBC, Neu%, Lym%, Mon%, Eos%, Bas%, Neu#, Lym#, Mon#, Eos#, Bas#, [ALY%, ALY#, LIC%, LIC#(research, parameter)], RBC, HG-, B, MCV, MCH, MCHC, RDW-CV, RDW-SD, HCT, PLT, MPV, PDW, PCT, P-LCR, P-LCC, three histograms, one 3D scatter plots, three 2D scatter plots.
- Throughput
CBC mode 90T/H, CBC+DIFF mode 80 T/H.
- Sample volume
Whole blood: 16 μ l, prediluted capillary blood: 20 μ l.
- Data storage
Storing over 100,000 samples (including scatter plot, his- togram, patient information), combined search mode as per many conditions, combined preview for output data.
- Sampling mode
Automatic sampling and manual sampling.
- Print mode
Optional connection with every kinds of external printer.
- Blood sample mode
Venous whole blood, capillary whole blood, prediluted blood.
- Power Supply
Wide voltage power supply: AC 100-240V.



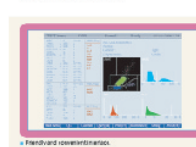
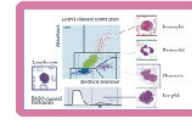
MH -4000 5 Part Automated DIFF Hematology Analyzer

Complete parameters



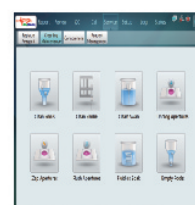
- ➔ 29 parameters including cell counting and dif- ferentiation, reflecting the blood status in full pictures.
- ➔ Better clinical guidance for abnormal cell and research parameters.
- ➔ Ultra wide linear range.

Automatic and intelligent technology



- ➔ Patented cleaning solution automatic loading technology.
- ➔ Loading 60 samples in one time, continuous loading.
- ➔ Automatic hole blocking detection, automatic preventing blocking, one key restore function.
- ➔ Automatic detection for machine status and reagent remaining volume.

Advanced data management system



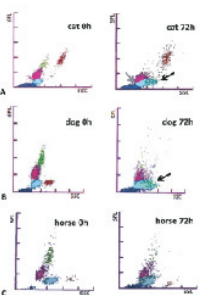
- ➔ Customized and diversified printing tem- plate, can modify different parameters according to the requirements.
- ➔ Two way LIS communication.
- ➔ Complete quality control and calibration management.
- ➔ Storing over 100,000 samples (including scatter plot, histogram, patient information).

Automatic 5-DIFF hematology analyzer



- ➔ 90T/H.
- ➔ WBC 5-differential.
- ➔ Support automatic sampling and manual sampling.

Advanced technology theory



- ➔ Patented flowing cell detection fluid path system and flowing cell detection method, to make the result more accurate.
- ➔ Patented 5-diff hematology analyzer optical system and regulation mechanism, triangular laser scattering technology, to make the cell differentiation more accurate.
- ➔ Patented WBC Diff statistical method based on probabil- ity, to provide better diff result.

Ultra low blood sample volume



- ➔ Blood sample mode: venous whole blood, capillary whole blood, prediluted blood.
- ➔ Only need 16 μ l for whole blood, good for the patients who are difficult for collecting the blood like children and chemotherapy patients.