

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, histogram, 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.



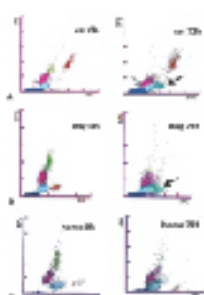
MH-4000 5 Part Automated DIFF Hematology Analyzer

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 probability, to provide better diff result.

Ultra low blood sample volume



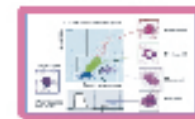
- Blood sample mode: venous whole blood, capillary whole blood, prediluted blood.
- Only need 16 μ l for whole blood, good for the patients who are difficult for collecting the blood like children and chemotherapy patients.

Complete parameters



- 29 parameters including cell counting and differentiation, 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 template, 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).