

Biote百特®

HL-3125PLUS

22 parameters & 3-diff automated hematology analyzer



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Smart ♦ Compact

Portable ♦ Direct current ♦ Emergency Power Supply

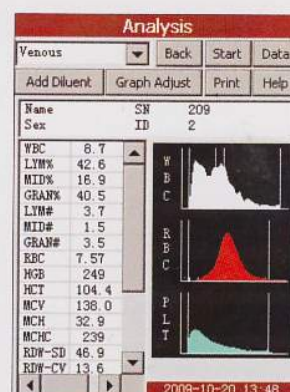
The minimum volume automated hematology analyzer in the world.

Unique Functions

- Real portable instrument(only 12Kg)
- Especially applicable to moving service vehicle` (345mmx245mmx325mm)
- TFT LCD (Optional Touch Screen)
- Exclusive patent technology, optional internal emergency DC power supply specially for suddenly power cut, outdoor and moving diagnosis.

Advanced Design Stable Performance

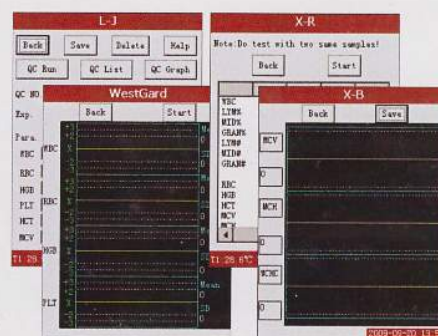
- Automatic sleep and wake up, saving energy. The sampling needle is automatically back and out while stand by and wake up. It protects safe sampling and avoids contamination caused by long time exposure.
- Large quantity test results storage, at least 4 Lakh test results with comprehensive information. Extended SD memory supported.
- Many reference value ranges (children, adult and the aged). The appropriate reference value range could be automatically selected according to the inputted age and sex.



Detailed analysis interface

Accurate Analysis Perfect Quality

- Analysis mode includes venous blood, capillary blood and prediluted.
- Quality control mode of L-J, X-B and X-r. Westgard quality control regulation.
- Manual and automatic calibration available. Fresh blood calibration available also.
- Furnished with original reagents. Conform to the demand of International Standard Traceable System.



Many kinds of QC mode

Simple Operation Low Consumption

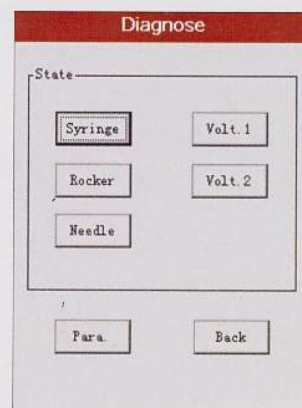
- Sample volume venous blood 9.6 μ L, capillary blood 20 μ L.
- Manual and automatic calibration available. Fresh blood calibration available also.
- Repeat testing to avoid second sampling.
- Remained reagent volume detected and reminder the operator.
- Connect external printer as mini matrix printer, ink jet, stylus printer and laser printer.
- Each kind data transmitted to external computer by RS232 port.



Automatic titration sampling

Convenient Maintenance Safety & Eco-protection

- Automatic & Intelligent function of diagnosis and maintenance; the log sheet for maintenance and malfunction could be established automatically.
- The remote upgrade, remote maintenance and remote detection of faulty are available.
- Soak, back & forth flush, high pressure burning block-clearing.
- Leaf door construct for convenient maintenance.



Advanced malfunction diagnosis

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Technical Specifications

Linearity	WBC - 100 To 100×10^3 / UI RBC - 0.3 To 8×10^6 / UI HGB - 0 To 25 G/dl Platelet - 3000 To 100×10^4 / UI
Cleaning	Automatic Cleaning Of Probes And Chambers after every sample.
Flags	Flags For Abnormal Samples.
Function	Automated WBC 3-differential, 22 parameters with 3 color histograms (WBC, RBC, PLT)
Principal Parameters	Electronic impedance, SFT method for hemoglobin WBC, RBC, HGB, HCT, MCV, MCH, MCHC, PLT, LYM%, LYM#, GRAN%, GRAN#, MID%, MID#, PDW, MPV, PCT, RDW, P-LCR, and WBC, RBC, PLT three histograms
Throughput	HL-3125plus ≥ 60 T/H
Analysis Mode	Optional venous blood, anticoagulant blood and prediluted blood
Sample Volume	Anticoagulant whole blood = $9.6 \mu\text{l}$, Anticoagulant capillary blood = $9.6 \mu\text{l}$, prediluted capillary blood = $20 \mu\text{l}$, the sample volume for repeating two times testing and avoiding second sampling
Working Mode	Automatic sampling, detecting automatic testing, furnished with dilutor, no need diluting outside. Automatic dispensing lyse and making second diluting automatically
Block Clearing	Soak and washing back and forth, high pressure burning. Boast the function of monitoring incomplete blockage
Alarm	Automated system diagnosis, self testing, fault alarm and reagent shortage alarm
Automated Maintenance	Automated washing during power on and power off, reducing the blockage rate
Standby Protection	24 hours switch on, automatic sleep and wake up function
Storage	Large quantity test results storage, at least 4 Lakh test results with comprehensive information. Extended SD memory supported.
Control Mode	Quality control mode of L-J, X-B and X-r. Westguard quality control regulation
Calibration Mode	Manual and automatic calibration available. Fresh blood calibration available also.
Reference Value Setting	Many reference value ranges (children, adult and the aged). The appropriate reference value range could be automatically selected according to the inputted age and sex.
Discrimination Function	Float and fix discriminator. Manual adjust available
Display	TFT LCD (Optional Touch Screen)
Input Mode	Standard mouse and keyboard. Optional bar code reader
Print Mode	Internal high-speed thermal printer. Optional connection with specified external printer. English printouts
Report Format	Many kinds of report format (not less than 8 kinds)
Reagents System	Open reagent system. No cyanogen reagents. Provide original reagents.
Connection Port	USB, RS-232, network interface, LPT
Dimension	345mm x 245mm x 325mm
Weight	12 kg



Marketed By:-



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