

21 parameters & 3-diff automated hematology analyzer

Technical Specifications



Function	Automated WBC 3-differential, 21 parameters with 3 color histograms (WBC, RBC, PLT)		
Principal	Electrical impedance, HGB-Photoelectric colorimetry		
Parameters	WBC, LY#, MID#, GRAN#, LY%, MID%, GRAN%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC		
Throughput	PX-21 PLUS ≥ 60T/H		
Analysis Mode	Optional venous blood, anticoagulant blood and prediluted blood		
Sample Volume	Whole blood 10 I L, Pre-diluted 20 I L		
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. Boast the function of monitoring incomplete blockage Flush with high pressure & high voltage burning.		
Alarm	Error 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 1,00,000 test results with comprehensive information.		
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.		
Aperture Diameters	WBC 100 μ, RBC/Plt-68 μ		
Display	10.4 Inches Touch Colour LCD		
Input Mode	Standard mouse and keyboard. Optional bar code reader		
Print Mode	Internal high-speed thermal printer. Support external printer.		
Report Format	Many kinds of report format		
Reagents System	No cyanogen reagents. Provide original reagents only.		
Connection Port	Support LIS & HIS with HL7 protocol		
Dimension	330mm×440mm×500mm		
Dilution Ration		Whole blood	Capillary blood
	WBC/HGB	1:232	1:400
	RBC/PLT	1:40000	1:45000

21 Parameters & 3- Part Differential Automated Hematology Analyzer



PX-21 Plus



Imported & Marketed by -
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PX-21 Plus

21 parameters & 3- part diff automated hematology analyzer



Unique Functions

- Excellent Data Management
- High efficient self checking system low maintenance.
- Especially applicable to moving service vehicle (530 x 330 x 460 mm)
- LCD (Touch Screen)
- Easy operating coz Graphical Interface.
- Larger Screen with Linux Operating System.

Reagent

- Diluent - 20 L
- Detergent - 10 L
- Lyse - 500 ml



Simple Operation Low Consumption

- Sample volume venous blood 10.4 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.
- Each kind data transmitted to external computer by RS232 port.

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 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 1,00,000 test results with comprehensive information.
- 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.

Accurate Analysis Perfect Quality

- Analysis mode includes venous blood, capillary blood and prediluted.
- Quality control mode of L-J, X-B and X-r. Westguard 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.

