# 21 parameters & 3-diff automated hematology analyzer

## **Technical Specifications**

Function  Automated WBC 3-differential, 21 parameters with 3 color histograms (VPrincipal  Electrical impedance, HGB-Photoelectric colorimetry  WBC, LY#, MID#, GRAN#, LY%, MID%, GRAN%, RBC, HGB, HCT, 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 LL, Pre-diluted 20 LL  Working Mode  Automatic sampling, detecting automatic testing, furnished with diluting outside. Automatic dispensing lyse and making second diluting outside. Automatic dispensing lyse and making second diluting incomplete blockage Flush with high pressure & high voltage burning incomplete blockage Flush with high pressure & high voltage burning.  Alarm  Error Alarm  Automated Maintenance  Automated washing during power on and power off, reducing the blockand by 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 information.  Control Mode  Quality control mode of L-J, X-B and X-r. Westguard quality control information.  Reference  Value Setting  Many reference value ranges (children, adult and the aged). The approximation and the setting value range could be automatically selected according to the inputter value range could be automatically selected according to the inputter selection in the protection of the protection of the protection in the protection of the protection value range could be automatically selected according to the inputter value range could be automatically selected according to the inputter value range could be automatically selected according to the inputter value range could be automatically selected according to the inputter value range could be automatically selected according to the inputter value range could be automatically selected according to the inputter value range could be automatically selected according to the inputter value range could be automatically selected acco	/BC, RBC, PLT)
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Value Setting value range could be automatically selected according to the inputte  Aperture Diameters WBC100 μ, RBC/Plt-68 μ	available also.
Display 40 Alaskas Tausk Oslaval OD	
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 WBC/HGB 1:232 1:400 RBC/PLT 1:40000 1:45000	





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# 21 Parameters & 3- Part Differential **Automated Hematology Analyzer**



PX-21 Plus





## PX-21 Plus

## 21 parameters & 3- part diff automated hematology analyzer



### Reagent

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



### 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
- Manual and automatic calibration available. Fresh blood calibration available also.
- Furnished with original reagents. Conform to the demand of International Standard Traceable System.

## Simple Operation Low Consumption

- Sample volume venous blood 10.4  $\mu$  L, capillary blood 20  $\mu$  L.
- Manual and automatic calibration available. Fresh blood calibration available
- 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.



## **Unique Functions**

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

## 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.

