

# SPECIFICATION

## PARAMETERS

21 reportable Parameters: WBC, Lym#, MID#, GRAN#, LYM%, MID%, GRAN%, RBC, HGB, HCT, MCV, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC

## PERFORMANCE

Parameter	Precision	Linear Range	Contamination Rate
WBC	≤2.0% (3.5-15.0x10 <sup>9</sup> )/L	(0-100.0x10 <sup>9</sup> )/L	≤0.5%
RBC	≤1.5% (3.0-6.0x10 <sup>12</sup> )/L	(0.10-8.00x10 <sup>12</sup> )/L	≤0.5%
HGB	≤1.5% (100-180)g/L	(0-250)g/L	≤0.6%
MCV	≤1.0% (70-120)fL	-	-
PLT	≤4.0% (150-500x10 <sup>9</sup> )/L	(0.1000x10 <sup>9</sup> )/L	≤0.10%

## SAMPLE

Predilution Mode	20µL
Whole Blood Mode	9µL

## EFFICIENT

60 Samples per hour

## STORAGE

Up to 50,000 results including histograms, and patient information.

## COMPATIBILITY

Build-in thermal printer  
External laser or inkjet printer  
4 USB, 1 LAN support protocol HI7  
and compatible with LIS system

## ENVIRONMENT

Working Voltage: Ac100V~240V, 50~60Hz  
Rated Power: 40-60VA  
Working Temperature: 10°C~40°C  
Relative Humidity: 20%-85%

## POWER REQUIREMENT

100V-240V  
≤300VA  
50Hz/60Hz

## REAGENT

Diluent 20L  
Build-in LYSE  
Probe Cleanser

## DISPLAY

10.4 inch colorful touchscreen

## DIMENSION AND WEIGHT

Dimension: Depth(400 mm)x width(285 mm)  
x height (400 mm)  
Weight: ≤20 Kg



## Hemat-4 Plus 3-Part Hematology Analyzer

**Powered By Innovation,  
Delivered In Budget**

To Know More About Our  
Complete Product Range



ACCUCARE DIAGNOSTICS

## Accu Care Diagnostic

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# HEMAT 4-PLUS

## Hematology Analyzer

Today's all the labs are facing a multiple of challenges including limited laboratory budgets increasing requirements for high quality as well as reliable products, a shortage of experienced clinicians and so on. We understand the specific needs of end users, and use them as the foundation for our new solution Hemat-4 Plus Hematology Analyzer. Complete with an intuitive operation system, convenient data communication interface, excellent performance, Hemat -4plus is a system solution for satellite labs and clinics

- ❑ Small reagents consumption with highest reagent efficiency
- ❑ Minimum maintenance requirement and difficulty ever
- ❑ Excellent performance with high level of reliability and stability
- ❑ Lyse Reagent Located inside the machine which helps the small labs to save space.



### System Expansion Flexibility

- USB Ports for Data transmission, External keyboard, printer barcode scanner.
- Built in thermal printer also compatible with external laser or inkjet printers
- Data Transfer to LIS Via LAN

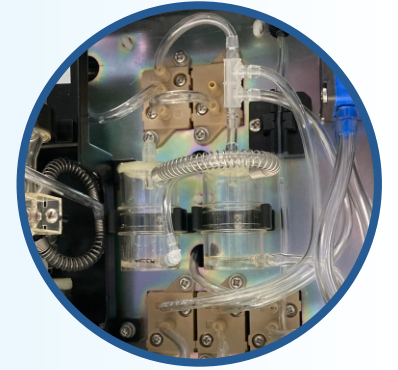


### Minimum Maintenance

- The maintenance of analyzers totally depends on the system Platform and Brand.
- Daily, Weekly, Monthly and Annually maintenance is the popular maintenance requirements. However, we only require maintenance on a Weekly and Annual basis, which is also very Simple and Cost Effective.

### Intelligent Internal Structure

- Life time tubing - Do not have to be touched ever
- There is no high-Voltage in the system at all
- Modular design - Less difficult to maintain
- Electronics and Liquids are kept apart
- The valves are Easily Accessible



### Analytics

- 9 ul Sample Aspiration
- 21+3 Reportable Parameters with histograms
- Advanced Plated Analysis (P-LCR, P-LCC, PDW-SD, PDW-CV)
- Super thin sample probe with automated wiping

## Less Reagent Consumption

At Least 50% Less reagent consumption ●  
 Higher efficiency on diluent ●  
 Reagent consumption is a very sensitive problem ●  
 on the end-user side, as the cost per test is affected ●  
 by reagent usage on each cycle as well as on ●  
 maintenance. In terms of profit, more reagent ●  
 efficiency means higher profit per test.

