

Principle **Parameter**

Impedance method for WBC, RBC and PLT test
Cyanide free colorimetry for HGB test

- | | | | | | | |
|---------------------------------|---------|----------------------------------|--------|---------|---------|---------|
| 21 Reportable parameters | | 8 Researchable parameters | | | | |
| •WBC | •MCH | •MPV | •Lym# | •Mid% | •PLR | •Macro% |
| •RBC | •MCHC | •PDW | •Lym% | •GLR | •Macro# | |
| •HGB | •RDW-CV | •P-LCR | •Gran# | •RDWI | •Mentzr | |
| •HCT | •RDW-SD | •P-LCC | •Gran% | •Micro% | | |
| •MCV | •PLT | •PCT | •Mid# | •Micro# | | |

Throughput **Sample Mode** **Sample Volume**

40T/H Whole blood, capillary blood,
pre-diluted blood ≤9uL (whole blood)

Dimension **Display** **Data Storage**

≤ 270 mm(W), ≤ 375mm(H), ≤ 350 mm(D) 10.4 inches color touchscreen 200,000

Graph **Performance**

3 histograms	Parameter	Linearity Range	Precision (CV %)
	WBC (109/L)	0-100	≤3.5% (3.50-7.00) ≤2.5% (7.01-15.00)
	RBC (1012/L)	0-8.50	≤2.0% (3.50-6.50)
	HGB (g/L)	0-250	≤1.5% (100-180)
	MCV (fL)	/	≤1.0% (70.0-110.0)
	PLT (109/L)	0-1000	≤4.0% (150-500)

Data Transmission **Power Environment**

Bi-directional LIS 100V ~ 240V, 50/60Hz

Operating Environment **Printout**

- | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> Working environment: 15°C ~ 32°C Relative humidity: 30% ~ 85% Atmospheric pressure: 70kPa ~ 106kPa | <ul style="list-style-type: none"> Internal printer: internal thermal printer with various formats External printer: compatible with multiply laser / inkjet printers |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



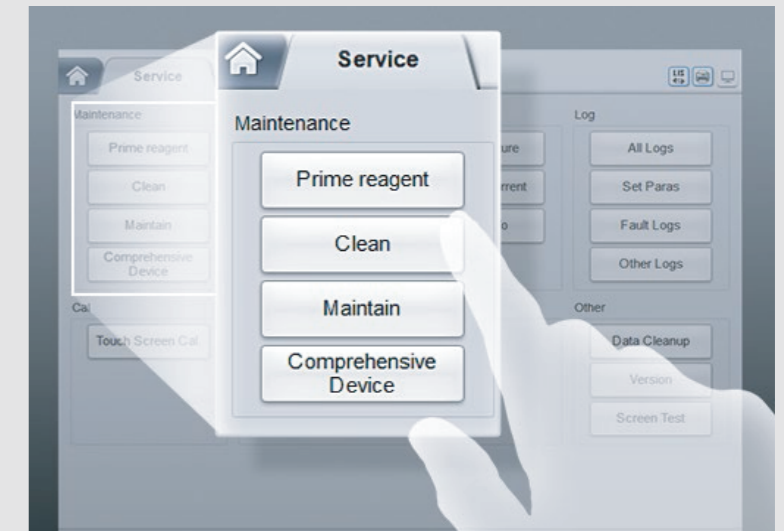
- Compact and user-friendly
- More clinical parameters
- Only 9ul sample volume
- Optional RF card and barcode function
- Total Parameter 29

More clinical parameters



Now, more researchable parameters such as PLR, GLR, RDWI, Micro%, Micro#, Macro%, Macro#, Mentzr are available with higher clinical meaning of anemia, infection, etc

Less operation time



The common shut-down time has been reduced to 5 minutes and maintenance time, such as exiting hibernation, has been reduced by 25%, because the fluid circuit and software have been optimized

More thoughtful functions



We provide a thoughtful reagent solution of closed system with optional RF card or barcode according to your requirements



Less reagent consumption



We decrease the unnecessary reagent waste and maintenance, which reduces the maintenance reagent consumption by 20%