

## Technical Specifications

### Throughput

60 samples per hour

### Principles

Impedance method for WBC, RBC and PLT counting  
Cyanide free reagent for hemoglobin test

### Parameters

21 parameters

Routine

WBC (Gran%, Lym%, Mid%, Gran#, Lym#, Mid#)  
RBC (HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD)  
PLT (MPV, PDW, PCT, P-LCR, P-LCC)

### Research Parameters

2 parameters: NLR, PLR

### Graphics

3 histograms for WBC, RBC and PLT

### Sample Volume

Whole blood mode ≤ 9 µL  
Prediluted mode ≤ 20 µL

### Performance Characteristic

Parameter	Linearity Range	Precision (CV %)	Carryover
WBC	0-300(10 <sup>9</sup> /L)	≤3.5% (4.0-6.9) ≤2.0% (7.0-15.0)	≤0.5%
RBC	0-8.00(10 <sup>12</sup> /L)	≤1.5%(3.50-6.5)	≤0.5%
HGB	0-280(g/L)	≤1.5% (100-180)	≤0.5%
PLT	0-4000 (10 <sup>9</sup> /L)	≤5.0% (100-149) ≤4.0% (150-500)	≤1.0%

### Display

10.4 inch TFT Touch Screen

### Storage Capacity

Up to 400,000 results including graphical information.

### Communication

LAN Port supports HL7 protocol  
support bi-directional LIS

### Interface

4 USB ports (for external printer, software upgrade, barcode reader, external WIFI, keyboard and mouse), LAN port (1)

### Printout

Supports Thermal & External printer

### Power Requirement

(100V-240V)±10%  
≤180VA (50Hz/60Hz) ±1Hz

### Temperature Requirement

Temperature: 15°C~30°C  
Humidity: 10%~90%

### Foot print

**Dimension:** Depth (410 mm), width (300 mm), height (400 mm)



**DYNACOUNT**  
3D<sup>Plus</sup>



- ◆ CBC+3 DIFF, **23** parameters + **3** Histograms
- ◆ Throughput upto **60** samples per hour
- ◆ **10.4** inch TFT touch screen
- ◆ Only three reagents needed
- ◆ Detailed flag information
- ◆ Large storage capacity: up to **400,000** samples
- ◆ Sample volume is only **9μL** which is ideal for pediatrics



## Accurate Reliable Results

Advanced detailed flag information provides warning in case of abnormal cell results.

## The perfect combination of precision and technology

- ◆ Smart and intuitive software brings your productivity to a new level.
- ◆ The 10.4 inch TFT touch screen for easy operations.
- ◆ 400,000 Result storage for Patient Data Management.
- ◆ Smart Maintenance with one click for troubleshooting.



Smallest



Convenience fast



Perfect for pediatric samples