



# TRISCAN Plus

## Auto Hematology Analyzer



**EXCEED IN  
QUALITY AND  
PERFORMANCE**



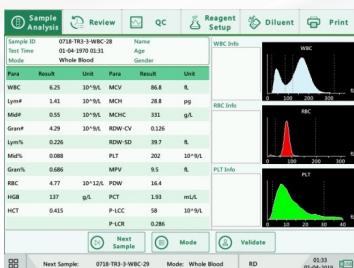
**Real-time monitoring**



**Editable report**



**4,00,000 results**

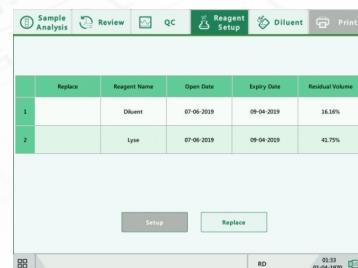


**Powerful data management**

Up to 400,000 results

Flag information for better diagnostics

Data export and QC file import by USB drive

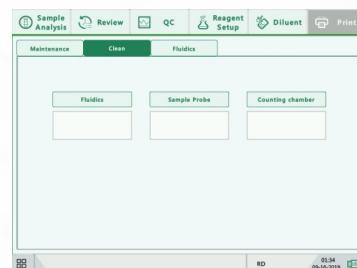


**Real-time monitoring**

Reagent status (expiry date, residual, etc.)

Unit status (voltage, pressure, etc.)

Test number (amount in different modes)



**Smart maintenance**

Hardware self-checking

Multiple maintenance functions

Smart prompt and one-touch to remove error

### Throughput

Double Chamber with 22 parameters

### Principle

Impedance for WBC, RBC, PLT

Cyanide-free method for HGB

### Parameters

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

### Histograms

3 histograms (WBC, RBC, PLT)

### Sample volume

Whole blood mode: 9 $\mu$ l

Capillary mode: 9 $\mu$ l

Prediluted mode: 20 $\mu$ l

### Calibration

Manual calibration, auto calibration, fresh blood calibration

### Quality control

3-level QC

L-J QC, X-B QC

### Reagent

Diluent: 20L, Lyse: 500ml

Probe cleanser: 50ml

### Print

Auto print, manual print

### Communication

Support Bi-directional LIS

### Language

English, Spanish, Italian, French, Russian, etc.

### Input and output

8 inch touch screen

Internal printer, support external printer

### Interface

USB port-4, Network port-1

### Storage

400,000 results with histograms

### Blockage clear

High voltage, high pressure flush

### Dimension

430mm\*280mm\*400mm(D\*W\*H)

### Net weight

17.5kg

### Work environment

10-40°C, 10%-90%

100-240 AC, 50/60Hz, 160VA

70kPa-106.0kPa

## Performance

Precision	Parameter	CV	Measurement range
	WBC	$\leqslant 2.0\%$	(3.5-15.0) $\times 10^9/L$
	RBC	$\leqslant 1.9\%$	(3.5-6.0) $\times 10^{12}/L$
	HGB	$\leqslant 1.9\%$	(110.0-180.0)g/L
	MCV	$\leqslant 1.0\%$	(80.0-110.0)fL
	PLT	$\leqslant 4.0\%$	(150.0-500.0) $\times 10^9/L$

Linearity	Parameter	Measurement range
	WBC	(0-200.0) $\times 10^9/L$
	RBC	(08.00) $\times 10^{12}/L$
	HGB	(0.0-250.0)g/L
	PLT	(0-5000) $\times 10^9/L$

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