



# TRISCAN

## Plus

### Auto Hematology Analyzer



**EXCEED IN  
QUALITY AND  
PERFORMANCE**



Real-time monitoring



Editable report



4,00,000 results

Param	Result	Unit	Ref	Result	Unit
WBC	6.25	10 <sup>9</sup> /L	MCV	88.8	fL
Lymph	1.41	10 <sup>9</sup> /L	MCH	28.8	pg
MidR	0.55	10 <sup>9</sup> /L	MCHC	311	g/L
GranP	4.29	10 <sup>9</sup> /L	RDW CV	0.126	
LymphS	0.226		RDW SD	39.7	fL
MidRn	0.088		PLT	202	10 <sup>9</sup> /L
GranRn	0.086		MPV	9.5	fL
WBC	4.77	10 <sup>12</sup> /L	PDW	16.4	%
HGB	117	g/L	PCT	1.91	mL/L
HCT	0.415		P-LCC	58	10 <sup>9</sup> /L
			P-LCR	0.286	%

#### Powerful data management

Up to 400,000 results

Flag information for better diagnostics

Data export and QC file import by USB drive

Replace	Reagent Name	Open Date	Expiry Date	Residual Volume
1	Diluent	07-06-2019	09-06-2019	16.50%
2	Lysa	07-06-2019	09-06-2019	43.75%

#### Real-time monitoring

Reagent status (expiry date, residual, etc.)

Unit status (voltage, pressure, etc.)

Test number (amount in different modes)

Maintenance	Clean	Fluidics
Fluidics	Sample Probe	Counting chamber

#### 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: 9µl  
Capillary mode: 9µl  
Prediluted mode: 20µl

### 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	Linearity	Parameter	Measurement range
	WBC	≤2.0%	(3.5-15.0)×10 <sup>9</sup> /L		WBC	(0-200.0)×10 <sup>9</sup> /L
	RBC	≤1.9%	(3.5-6.0)×10 <sup>12</sup> /L		RBC	(08.00)×10 <sup>12</sup> /L
	HGB	≤1.9%	(110.0-180.0)g/L		HGB	(0.0-250.0)g/L
	MCV	≤1.0%	(80.0-110.0)fL		PLT	(0-5000)×10 <sup>9</sup> /L
	PLT	≤4.0%	(150.0-500.0)×10 <sup>9</sup> /L			

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