

# High-Q CC3 Neo

## 3-Part Differential Hematology Analyzer

### Throughput

60 Samples/Hour

### Principle

Impedance for WBC, RBC, PLT  
Cyanide-free method for HGB

### Parameters

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

### 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

### Print

Auto print, Manual print

### Communication

Support Bi-directional LIS

### Net weight

17.5kg

### Language

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

### Input and Output

10.4 inch touch screen  
Internal printer, support external printer

### Reagent

Diluent: 20L, Lyse: 500ml  
Probe cleanser: 50ml

### Storage

500,000 results with histograms

### Blockage clear

High voltage, high pressure flush



### Interface

USB port, Network port

### Dimension

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

### Work environment

10-40°C, 10%-90%  
100-240 AC, 50/60Hz, 160VA  
70kPa-106.0kPa

# High-Q CC3 Neo

## 3-Part Differential Hematology Analyzer

### Smart

Smart counting mode  
For low WBC, PLT, or WBC/PLT samples  
Better linearity for WBC and PLT

### Delicate

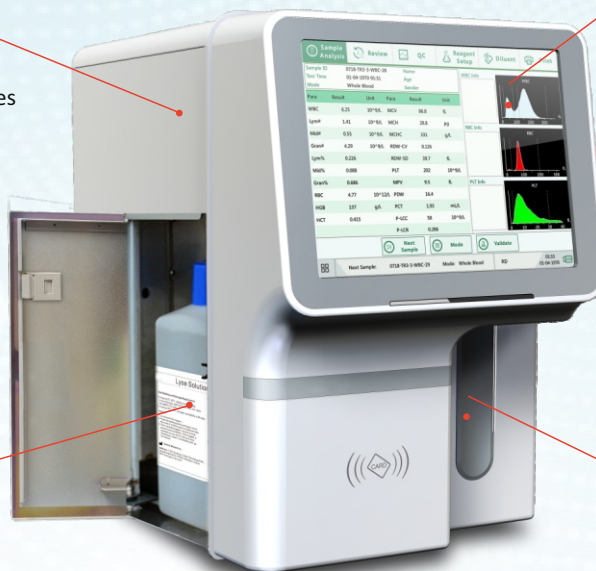
Smaller and lighter design  
10-4 inch touch screen  
Reagent room for Lyse  
Built-in and external printer

### Unique

Built-in card reader  
Lyse and diluent closed  
Unique card for each bottle

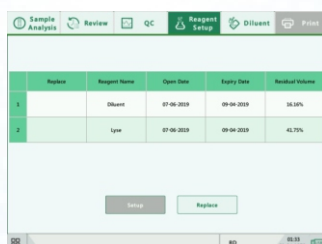
### Convenient

Highlighted indicator light  
Bi-directional LIS connection  
Software update by USB drive



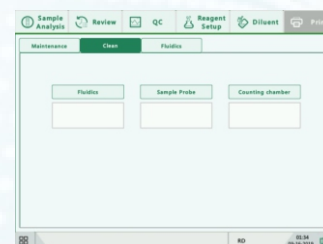
#### Powerful data management

Up to 500,000 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

## Performance

Precision	Parameter	CV	Measurement range
	WBC	≤ 2.0%	(3.5-15.0)×10 <sup>9</sup> /L
	RBC	≤ 1.9%	(3.5-6.0)×10 <sup>12</sup> /L
	HGB	≤ 1.9%	(110.0-180.0)g/L
	MCV	≤ 1.0%	(80.0-110.0)fL
	PLT	≤ 4.0%	(150.0-500.0)×10 <sup>9</sup> /L

Linearity	Parameter	Measurement range
	WBC	(0-200.0)×10 <sup>9</sup> /L
	RBC	(0-8.00)×10 <sup>12</sup> /L
	HGB	(0.0-250.0)g/L
	PLT	(0-5000)×10 <sup>9</sup> /L



Real-time Monitoring



Editable Report



Color Printing

Marketed by:-  
Pariksha Biotech Pvt Ltd,  
Plot no.1/B-14,SVICE,  
Balanagar,  
Hyderabad-500037  
Telangana State  
CIN No: U24232TG2011PTC072118



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