

## Specification

Throughput	60 samples/hour
Principle	Impedance for WBC,RBC,PLT Cyanide-free method for HGB
Parameters	21 parameters including: WBC, Neu#, Lym#, Mid#, Neu%,Lym%, Mid%, RBC, HGB, HCT, MCV, MCH, MCHC,RDW-SD, RDW-CV, PLT, MPV, PDW, PCT, P-LCR, P-LCC
Histograms	3 histograms including WBC,RBC,PLT histograms
Sample volume	Normal mode: 9ul Prediluted mode: 20ul
Counting modes	Smart WBC mode, smart PLT mode, smart WBC/PLT mode
Sample modes	Whole blood, capillary, prediluted
Calibration	Manual calibration, auto calibration
Quality control	3 level QC, L J graph
Print	Internal printer, support external printer
LIS	Support Bi-directional LIS
Language	English, Spanish, Italian, French, Russian etc.
Reagent	Diluent: 20L, Lyse: 500ml Probe cleanser: 50ml
Input	10.4 inch touch screen
Interface	USB port, network port
Storage	600,000 results with histograms
Blockage clear	High voltage, high pressure flush
Dimension	415mm*270mm*395mm
Net weight	≤20kg
Work temperature	10-35°C
Power requirement	100-240 AC, 50/60Hz, 150VA
Atmospheric pressure	70kPa-106.0kPa

## Performance

Precision	Parameter	CV	Measurement range
	WBC	≤ 2.0%	(4.0-15.0×10 <sup>9</sup> )/L
	RBC	≤ 1.9%	(3.5-6.0×10 <sup>12</sup> )/L
	HGB	≤ 1.9%	(110.0-180.0g)/L
	MCV	≤ 0.4%	(80.0-110.0)fL
PLT	≤ 4.0%	(100.0-500.0×10 <sup>9</sup> )/L	

Linearity	Parameter	Measurement range
	WBC	(0-99.9×10 <sup>9</sup> )/L
	RBC	(0-9.99×10 <sup>12</sup> )/L
	HGB	(0-300.0g)/L
PLT	(0-999×10 <sup>9</sup> )/L	



# KT-60

## 3-Part Hematology Analyzer



**REDEFINE 3-PART HEMATOLOGY**



Real-time monitoring



Editable report



Color printing

## Intelligent 5C Unit

### Convenient Process

One-click to report with 21 parameters  
One-touch for hardware diagnosis

### Compact Device

H395(mm)\*D415(mm)\*W270(mm)  
Built-in reagent room

### Close Solution

Built-in magnetic card system  
Lyse & Diluent close

### Concise Structure

Isolated boards and fluidic system  
Reasonable interior design for  
easy maintenance

### Considerate design

Highlighted indicator light  
for status reminding  
Dedicated element to build brand image



## Humanized Design



### Unique design

Smart WBC mode  
Smart PLT mode  
Smart WBC/PLT mode



### Powerful data management

Up to 600,000 results  
Flag information for better diagnostics  
Data export, software update and QC file import by USB



### Real-time monitoring

For reagent status including expiry date, residual  
For unit status including voltage, pressure



### Smart maintenance

Hardware self-checking  
Multiple maintenance functions  
Smart prompt and one-touch to remove error