

**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**Reagent**Diluent: 20L, Lyse: 500ml  
Probe cleanser: 50ml**Print**

Auto print, manual print

**Communication**

Support Bi-directional LIS

**Language**English, Spanish, Italian, French, Russian,  
Portuguese, Ukrainian, etc.**Input and output**10.4 inch touch screen  
Internal printer, support external printer**Interface**

USB port, Network port

**Storage**

600,000 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**

	Parameter	CV	Measurement range
Precision	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

	Parameter	Measurement range
Linearity	WBC	(0-200.0)×10 <sup>9</sup> /L
	RBC	(0-8.00)×10 <sup>12</sup> /L
	HGB	(20-250.0)g/L
	PLT	(0-5000)×10 <sup>9</sup> /L

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**KT 60**  
3-Part Hematology Analyzer
**REDEFINE 3-PART HEMATOLOGY****Genrui**



**Real-time monitoring**



**Editable report**



**Color printing**

## Intelligent 4C Unit

**Creative**

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

**Closed**

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

**Compact**

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

**Considerate**

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



Sample	Result	Unit	Ref	Unit	Ref
WBC	6.25	10 <sup>9</sup> /L	MCV	86.8	fL
Lyse	1.45	10 <sup>9</sup> /L	MCCH	38.8	pg
MCH	0.55	10 <sup>9</sup> /L	MCCHC	331	g/L
Plate	4.29	10 <sup>9</sup> /L	RDW-CV	0.126	%
Lyse%	0.088		PLT	302	10 <sup>9</sup> /L
Plate%	0.088		MPV	8.5	fL
MPV	4.73	10 <sup>9</sup> /L	PDS	38.8	pg
MPV	3.27	pg	PCT	0.35	%L
PCT	0.03	%L	P-CC	18	10 <sup>9</sup> /L
P-CC	0.08	%L			

**Powerful data management**

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

Reagent	Reagent Name	Expiry Date	Expiry Date	Residual Volume
1	Diluent	07-06-2019	09-06-2019	88.56%
2	Lyse	07-06-2019	09-06-2019	45.75%

**Real-time monitoring**

Reagent status (expiry date, residual, etc.)  
Unit status (voltage, pressure, etc.)  
Test number (amount in different modes)

Maintenance	Check	Flashes
Flashes	Sample Probe	Counting chamber

**Smart maintenance**

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