

EXCEED IN QUALITY AND MORE



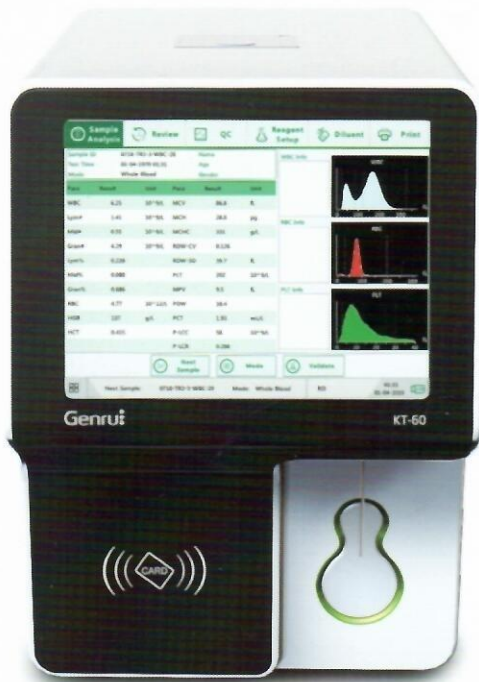
KT-60

3-Part Hematology Analyzer



REDEFINE 3-PART HEMATOLOGY

Genru



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



Powerful data management

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

Compact

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

Considerate

- Support Wi-Fi adaptor
- Highlighted indicator light
- Bi-directional LIS connection
- Software update by USB drive

Reagent	Reagent Name	Open Date	Expiry Date	Residual Volume
1	Diluent	07-06-2019	09-04-2019	38.14%
2	Lyse	07-06-2019	09-04-2019	41.75%

Buttons: Setup, Replace

Real-time monitoring

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

Maintenance: Clean, Fluidics

Buttons: Fluidics, Sample Probe, Counting chamber

Smart maintenance

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

Throughput
60 samples/hour

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-SD, PDW-CV, PCT, P-LCR, P-LCC

Histograms
3 histograms (WBC, RBC, PLT)

Sample volume
Whole blood mode: 9 μ l
Capillary mode: 9 μ l
Prediluted mode: 20 μ 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
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	$\leq 2.0\%$	$(3.5-15.0) \times 10^9/L$
	RBC	$\leq 1.9\%$	$(3.5-6.0) \times 10^{12}/L$
	HGB	$\leq 1.9\%$	$(110.0-180.0)g/L$
	MCV	$\leq 1.0\%$	$(80.0-110.0)fL$
	PLT	$\leq 4.0\%$	$(150.0-500.0) \times 10^9/L$

	Parameter	Measurement range
Linearity	WBC	$(0-200.0) \times 10^9/L$
	RBC	$(0-8.00) \times 10^{12}/L$
	HGB	$(0.0-250.0)g/L$
	PLT	$(0-5000) \times 10^9/L$

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Version 2.0

Genrui

Genrui Biotech Inc.

Add: 4-10F, Building 3, Geya Technology Park, Guangming
District, 518106, Shenzhen, China
Tel: +86 755 26835560/1/2 Fax: +86 755 26678789
Website: www.genrui-bio.com



Management
System
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ISO 9001:2008
www.tuv.com
ID 0000053928

