

# Genrui

## KT - 60

### Hematology Analyzer

3 Part diff ,21parameters plus 3 histograms



*The latest version and smart one of the Genrui KT-6400 Hematology Analyzer*

## 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 (WBC, RBC , PLT)

## Sample volume

Whole blood mode :9 $\mu$ l  
Capillary mode : 9 $\mu$ l  
Prediluted mode: 20 $\mu$ l

## Calibration

Manual calibration, auto calibration,  
fresh blood calibration

## Quality control

3 - level QC  
L-J QC,X - B QC

## Reagent

Diluent: 20L, Lyse: 500 ml  
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

## Inerface

USB port, Network port

## Storage

600,000 results with histograms

## Blockage clear

High voltage, high pressure flush

## Dimension

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

## Net weight

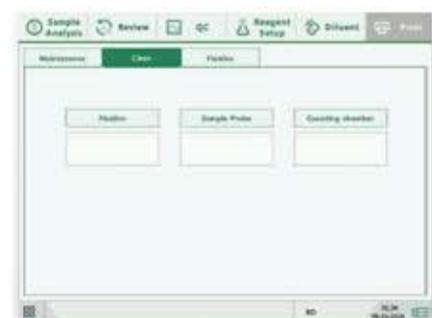
17.5 kg

## Work environment

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



Powerful data management



Smart maintenance



Real-time monitoring

## Performance

	Parameter	CV	Measurement range
Precision	WBC	≤ 2.0%	(3.5 - 15.0)x10 <sup>9</sup> /L
	RBC	≤ 1.9%	(3.5 - 6.0)x10 <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)x10 <sup>9</sup> /L

	Parameter	Measurement range
Linearity	WBC	(1 - 200.0)x10 <sup>9</sup> /L
	RBC	(0 - 8.00)x10 <sup>12</sup> /L
	HGB	(20.0 - 250.0)g/L
	PLT	(20 - 5000)x10 <sup>9</sup> /L

