



Exceed in
Quality and More

KT 6400

Auto Hematology Analyzer



KT 6400

Auto Hematology Analyzer

3 diff, 20 parameters plus 3 histograms

Reliable and Accurate Result

- Comprehensive QC programs including L-J
- Automatically draw and print QC graph
- Automatic and manual calibration
- Unique calibration program with fresh blood
- Unique washing system of sample probe for each test to assure accurate result



User- friendly Design

- Fully automatic analysis cycle
- Automatic internal and external probe cleaning
- 10.4-inch color touch screen for easy operation



Economical Test Flow

- Low sample volume : 10 μ L whole blood per test
- Use two reagents only (Diluent and Lyse)
- Less maintenance reagent (Probe cleanser only)

Powerful Software

- Huge storage of 30,000 sample results with histogram
- Rapid access to patient result
- Programmable multi-format printout
- Multi-language operation system: English, Spanish, French, and Portuguese
- Easy to upgrade through CF card



Specifications

Test principle	Impedance method for WBC, RBC and PLT. Spectrophotometry for HGB
Clot clear	High voltage pulse on aperture and high pressure backflush
Sample volume	Whole blood: 10 μ L, prediluted: 20 μ L
Chambers	Two chambers
Aperture diameter	WBC:100 μ m, RBC&PLT: 70 μ m
Throughput	60 samples/hour
Display	10.4-inch color touch screen, displaying all parameters and histograms
Input and output	USB , serial ports for RS232 and barcode scanner, support LIS and online printing
Working environment	10 $^{\circ}$ C ~ 35 $^{\circ}$ C; Humidity: \leq 85% RH
Voltage	AC 100V ~ 240V, 50Hz/60Hz \pm 1Hz, auto adapt according to the input voltage
Dimension	370mm \times 435mm \times 472mm
Net weight	25KG

Performance

Parameter	Linearity	Precision (CV%)
WBC (10 ⁹ /L)	0.0~100	2.0 (7.0 ~ 15.0)/L
RBC (10 ¹² /L)	1.0~9.99	1.5 (3.5 ~ 6.0)/L
HGB (g/L)	0~300	1.5 (110 ~ 180) g/L
MCV (fL)		0.4 (0.8~110)fL
PLT (10 ⁹ /L)	0~999	4.0 (150 ~ 500)/L
Carry over	WBC \leq 0.5% HGB \leq 0.5%	RBC \leq 0.5% PLT \leq 1%

Parameters

WBC	HGB	MPV
Lymph#	HCT	PDW
Mid#	MCV	PCT
Neut#	MCH	P-LCR
Lymph%	MCHC	WBC Histogram
Mid%	RDW-SD	RBC Histogram
Neut%	RDW-CV	PLT Histogram
RBC	PLT	

