



FEATURES

SMART AND COMPATIBLE

Convenient printout solution

- Built-in thermal printer
- Support external printer through USB
- Ditable print template

Reliable hardware, accurate results

- Long life semi-conductor laser to differentiate WBC into 5 parts
- Ceramic syringe to assure precise reagent or sample aspiration
- Famous liquid parts (SMC valves and KNF pump) and simplified liquid system

Cost-effective

- 3 reagents (2 Lyse, 1 Diluent) only, less consumption
- Lyses placed inside for space saving

Built in bar code scanner

- Supporting to LIS



Built-in operating system

- 3 reagents (2 Lyse, 1 Diluent) only, less consumption
- Lyses placed inside for space saving



USER-FRIENDLY OPERATION

Powerful data management

- Flag information offered for better diagnosis
- Store 50,000 results, easy data transmission
- 6 short-cut icons, more efficient

Real-time monitoring

- Automatically monitor reagent status
- Including residual volume and expired date
- Strictly monitor temperature, voltage, pressure and current



Smart maintenance

- Easy routine maintenance
- Hardware self-checking
- One-click for basic trouble shooting

HIGH QUALITY AND LONGER LIFE

All key components are imported, high quality and longer life. Syringe maintenance free.



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PRODUCT SPECIFICATION

Principle	<ul style="list-style-type: none"> Impedance for RBC and PLT counting Flowcytometry for WBC differentiation and counting Cyanide-free method for HGB Tri-angle laser scattering 		
Parameter	<ul style="list-style-type: none"> 25 parameters: WBC, Lym%, Mon%, Neu%, Bas%, Eos%, Lym#, Mon#, Eos#, Bas#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC. 4research parameters: LIC%, LIC#, ALY%, ALY# 3 histograms for WBC, RBC and PLT 3 scattergrams for WBC differential 		
Throughput	60 samples per hour	Calibration	Manual and Auto-calibration
Quality control	3 level QC LJ graph XB	Sample volume	CBC + Diff mode: 20ul Prediluted mode: 20 ul
Display	10.4- inch color touch screen Liquid Crystal Display (LCD) Resolution:800 X600	Storage	50,000 sample results with histograms
Reagent	3 Reagent (2 Lyse +1 Diluent) 1 PB cleanser for maintenance	Printout	Thermal printer, support external printer
Sampling mode	Open mode, build-in barcode scanner		
Maintenance	Auto-cleaning of sample probe and tubes		
Storage Temperature	Storage Temperature 10° C- 30° C	Interface	4 USB port, 1 LAN port HL7 protocol, support LIS
Blockage clear	High voltage, high pressure flush		
Power	AC 100-240V, 50/60 Hz	Dimension	350mm X 450mm X 420mm

Performance		Parameters	Precision(CV)	Parameters	Measurement range
		WBC	≤2.0% (4.0-15.0x10 ⁹)/L	WBC	(0-200x10 ⁹)/L
		RBC	≤1.5% (3.5-6.0x10 ¹²)/L	RBC	(0-18.0x10 ¹²)/L
		HGB	≤1.5% (110.0-180.0g)/L	HGB	(0-300.0)g/L
		MCV	≤1.0% (80.0-110.0g)/fL		
		PLT	≤4.0% (100.0-500x10 ⁹)/L	PLT	(0-2000x10 ⁹)/L



KT-6500

AUTO HEMATOLOGY ANALYZER

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