

CE

EXCEED IN QUALITY AND MORE

KT 6400

Auto Hematology Analyzer



KT-6400
Auto Hematology Analyzer



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Version 2.0



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6400
Auto Hematology Analyzer



- High efficiency and convenience**
60 samples per hour, minimize your workload
1 press for analysis with 20 parameters+3 histograms
- Complete diagnostic solution**
Two reagents only(500ml LYSE, 20L DILUENT), cost-effective
International brand control and calibrator provided, high quality
- Powerful data management**
Store 100,000 results, large memory
Easy to check history results, humanized design
Support LIS, easy data transmission
- Intelligent design**
Intelligent software menu for hardware diagnosis
Advanced high voltage and flush to remove blockage automatically

KT 6400 is an innovative 3-diff hematology analyzer with 60 samples/ hour , self-developed LYSE and DILUENT are tested to be perfectly matching the instrument to provide accurate results for our users, even in the low PLT tests. Less reagents, low reagent consumption is another competitive feature for the market to release users' financial pressure. High-efficient operation procedure and high throughput help our users minimize their workload. More benefits are waiting for you to explore.

Technical Specifications

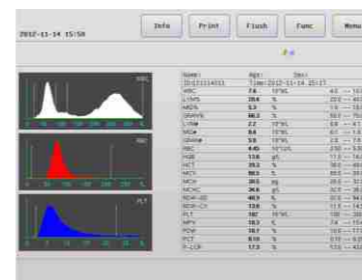
- Principle**
Impedance for cell counting
Cyanide-free method for HGB
- Parameters**
WBC, Neu#, Lym#, Mid#, Neu%,Lym%, Mid%, RBC, HGB, HCT, MCV, MCH, MCHC,RDW-SD, RDW-CV, PLT, MPV, PDW, PCT, P-LCR
- Histograms**
WBC, RBC, PLT histogram
- Languages**
English, Spanish,Italian,Portuguese, etc.
- Calibration**
Manual and Auto-calibration
- Quality control**
3 level QC, LJ graph
- Sample volume**
Venous mode: 10µL venous blood
Capillary mode: 10µL capillary blood
Prediluted mode: 20µL capillary blood
- Display**
10.4-inch color touch screen
Liquid Crystal Display (LCD)
Resolution: 800×600
- Storage**
100,000 sample results with histograms
- Reagent**
Lyse(500ml) and Diluent(20L)
Reagent required for single test:
Diluent: 26mL, Lyse: 0.35mL
- Printout**
Thermal printer, support external printer
- Maintenance**
Auto-cleaning of sample probe and tubes
- Temperature**
18°C-35°C
- Interface**
USB port, RS 232
- Counting Chamber**
WBC chamber:100um, RBC/PLT chamber:70um
- Blockage clear**
High voltage, high pressure flush
- Net weight**
24.7 Kg
- Power**
AC 100-240V, 50/60±1Hz
- Dimension**
514mm×594mm×645mm

Performance

Parameters	Precision (CV)
WBC	≤ 2.0% (4.0-15.0×10 ⁹)/L
RBC	≤ 1.5% (3.5- 6.0×10 ¹²)/L
HGB	≤ 1.5% (110.0 - 180.0)g/L
MCV	≤ 0.4% (80.0-110.0) fL
PLT	≤ 4.0% (100.0-500.0×10 ⁹)/L

Parameters	Measurement range	Carry-over rate
WBC	(0-99.9×10 ⁹)/L	≤ 1.0%
RBC	(0-9.99×10 ¹²)/L	≤ 1.0%
HGB	(0-300.0)g/L	≤ 1.0%
PLT	(0-999×10 ⁹)/L	≤1.5%

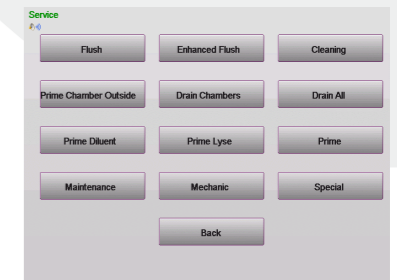
Software screenshot



Sample test



Calibration



Maintenance