

CE

EXCEED IN QUALITY AND MORE

**KT 6400**  
Auto Hematology Analyzer



**KT-6400**  
Auto Hematology Analyzer



**Genru**

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Version 2.0

**Genru**

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Management System  
EN ISO 13485:2012  
ISO 9001:2008  
www.tuv.com  
ID 0000053928





- 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, auto and fresh blood calibration
- Quality control**  
3 level QC, L-J 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: 25mL, 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% (7.0-15.0×10 <sup>9</sup> )/L
RBC	≤ 1.5% (3.5- 6.0×10 <sup>12</sup> )/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 <sup>9</sup> )/L

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

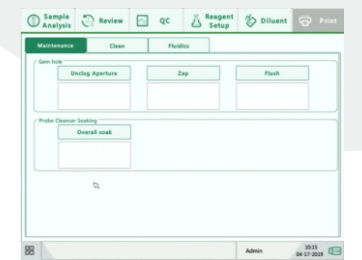
### Software screenshot



Sample test



Calibration



Maintenance