CE

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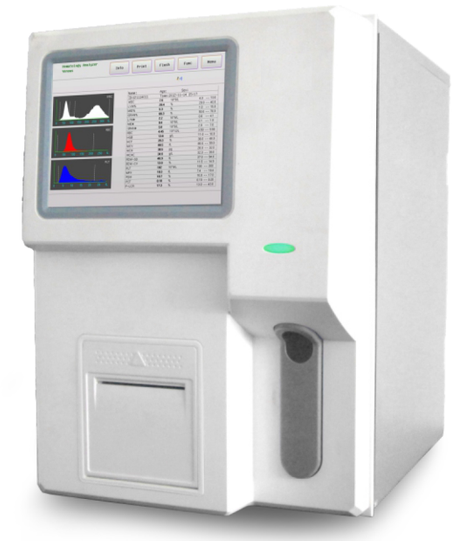
KT 6390
Auto Hematology Analyzer



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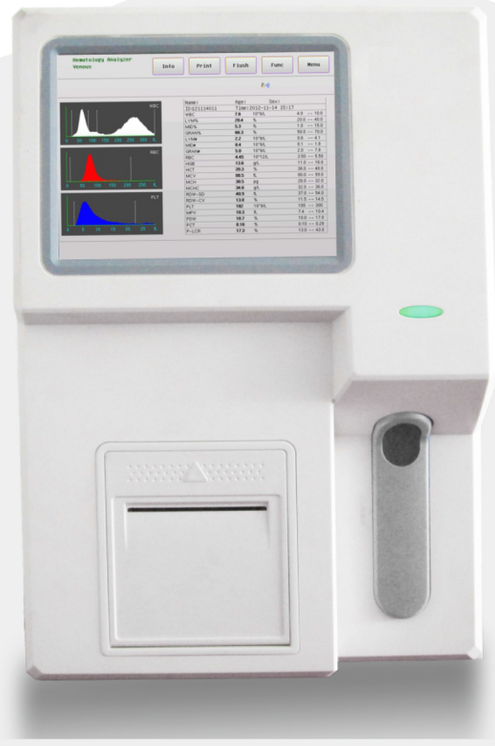

Version 2.0

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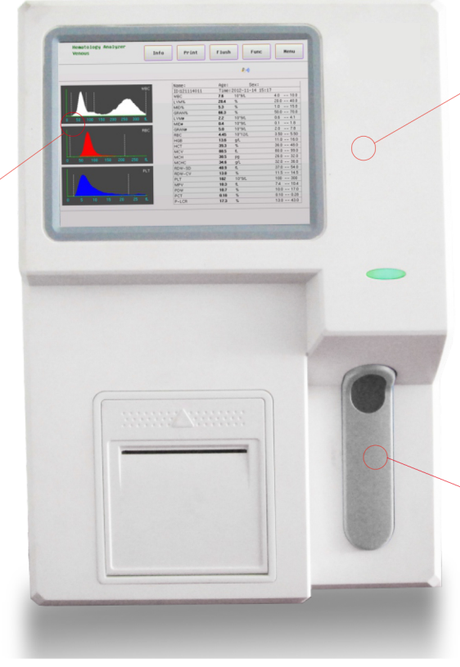
6390
Auto Hematology Analyzer

General Features

Throughput: 60T/H
8 inch touch screen
20 parameters + 3 histograms
Sample volume: 10 μL
2 reagents only
3 counting modes
100,000 sample results
Support LIS and external printer
Net weight: 19 kg
CE marked

User-friendly software

Well-organized software allow user to interact with the instrument easily, easy to run QC, sample and check results, etc.



Reliable hardware

Liquid system and circuit board isolation design for less break-down, continuous improving hardware to make the instrument more reliable for customer need.

Intelligent design

One press for sample analysis with throughput of 60 sec per test.
High voltage shock and back-flush to remove blockage, auto and manual print is support.

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

8 inch color touch screen
Liquid Crystal Display (LCD)
Resolution: 800×600

Storage

100,000 sample results with histograms

Reagent

Lyse(500mL) and Diluent(20L)

Printout

Thermal printer, support external printer

Temperature

18℃-35℃

Power

AC 100-240V, 50/60±1Hz

Dimension

410mm×435mm×472mm

Performance

Precision

Parameters	Precision (CV)	
WBC	≤ 2.0%	(7.0 -15.0×10^9)/L
RBC	≤ 1.9%	(3.5 - 6.0×10^{12})/L
HGB	≤ 1.9%	(110.0 - 180.0g)/L
MCV	≤ 0.4%	(80.0 - 110.0) fL
PLT	≤ 4.0%	(100.0 - 500.0×10^9)/L

Measurement range

Parameters	Measurement range
WBC	(0-99.9×10^9)/L
RBC	(0-9.99×10^{12})/L
HGB	(0-300.0)g/L
PLT	(0-999×10^9)/L

20 parameters+3 histograms

Auto calibration program

Intelligent hardware diagnosis