

CE

EXCEED IN QUALITY AND MORE

KT 6400VET
Auto Hematology Analyzer



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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

KT6400VET 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: 10 μ L venous blood
Capillary mode: 10 μ L capillary blood
Prediluted mode: 20 μ L capillary blood

Display

10.4-inch color touch screen
Liquid Crystal Display (LCD)
Resolution: 800 \times 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 $^{\circ}$ C-35 $^{\circ}$ 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 \pm 1Hz

Dimension

514mm \times 594mm \times 645mm



Performance

Parameters	Precision (CV)
WBC	$\leq 2.0\%$ (4.0-15.0 $\times 10^9$)/L
RBC	$\leq 1.5\%$ (3.5-6.0 $\times 10^{12}$)/L
HGB	$\leq 1.5\%$ (110.0 - 180.0)g/L
MCV	$\leq 0.4\%$ (80.0-110.0) fL
PLT	$\leq 4.0\%$ (100.0-500.0 $\times 10^3$)/L

Parameters	Measurement range	Carry-over rate
WBC	(0-99.9 $\times 10^9$)/L	$\leq 1.0\%$
RBC	(0-9.99 $\times 10^{12}$)/L	$\leq 1.0\%$
HGB	(0-300.0)g/L	$\leq 1.0\%$
PLT	(0-999 $\times 10^3$)/L	$\leq 1.5\%$

Software screenshot



Sample test



Calibration



Maintenance