

WIN BD 21 PLUS

AUTO HEMATOLOGY ANALYZER



General Features

Throughput: 60T/H
8-inch touch screen
21 parameters + 3 histograms
Sample volume: 10 μ L
2 reagents only
3 counting modes
100,000 sample results
Support LIS and external printer
Net weight: 21 kg
CE marked

User-friendly software

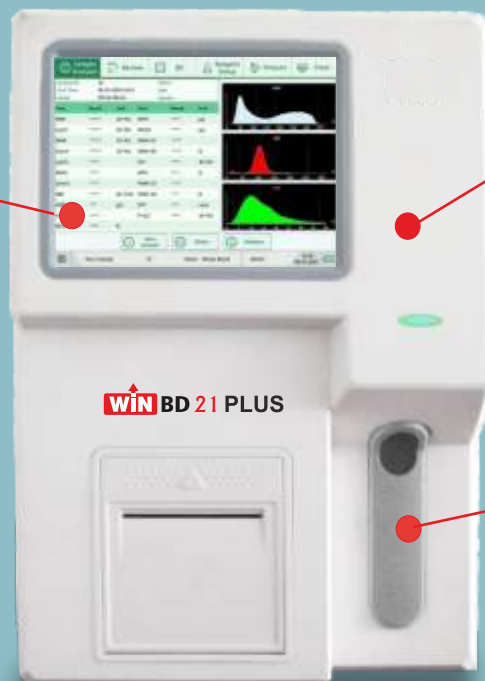
Well-organized software allows user to interact with the instrument easily, easy to run QC, sample and check results, etc.

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 supported



VISION : TO BE THE WORLD'S LEADING DIAGNOSTIC SUPPLIER !

MISSION : DIAGNOSTICS BRIGHTNESS LIFE !

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-SD, PDW-CV,
PCT, P-LCR

Histograms

WBC, RBC, PLT histogram

Languages

English, Spanish, French, Italian, Portuguese, Russian

Calibration

Manual, auto and fresh blood calibration

Quality control

3 level QC, L-J 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

8-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)

Printout

Thermal printer, support external printer

Temperature

18 $^{\circ}$ C-35 $^{\circ}$ C

Power

AC 100-240V, 50/60 \pm 1Hz

Dimension

410mm \times 435mm \times 472mm



Performance

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

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

Software



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