

AUTOMATIC HEMATOLOGY ANALYZER

1290

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	8-inch colour 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 $^{\circ}$ C
Power	AC 100-240V, 50/60 \pm 1Hz
Dimension	410mm \times 435mm \times 472mm



SALIENT FEATURES

- ✓ Throughput: 35T/H 8-inch touch screen 20 parameters + 3 histograms
- ✓ Sample volume: 10 μ L
- ✓ Reagents only
- ✓ Counting modes
- ✓ 100,000 sample results
- ✓ Support LIS and external printer
- ✓ CE marked

MEASUREMENT RANGE

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

PARAMETERS	PRECISION (CV)
WBC	= 2.0% (7.0 -15.0 \times 10 ⁹) L
RBC	= 1.9% (3.5 - 6.0 \times 10 ¹²) L
HGB	= 1.9% (110.0 - 180.0)g L
MCV	= 0.4% (80.0 - 110.0) fL
LT	= 4.0% (100.0 - 500.0 \times 10 ⁹)/L

