



HY-6390
Auto Hematology Analyzer



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All is subject to the real object if there is some difference with the model, specification or price.



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HY-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 softv

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°C-35°C

Power

AC 100-240V, 50/60±1Hz

Dimension

410mm×435mm×472mm

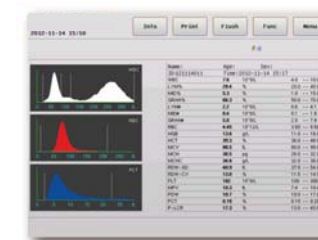
Performance

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

HY-6390 is one of HyCel latest model of hematology analyzer combined with reliable hardware and humanized software, for sure it is designed to be as a easy operation diagnostic system with convenience, efficiency, excellent performance. We understand the challenges of the lab including limited budget for reliable product, lack of experienced technician for operating the instrument, that is why HY-6390 coming to the market to minimize your workload. We are sure that this HY-6390 is a lab assistant worth your experience, we can't wait to see that you will work in a more efficient way with our HY-6390 now.