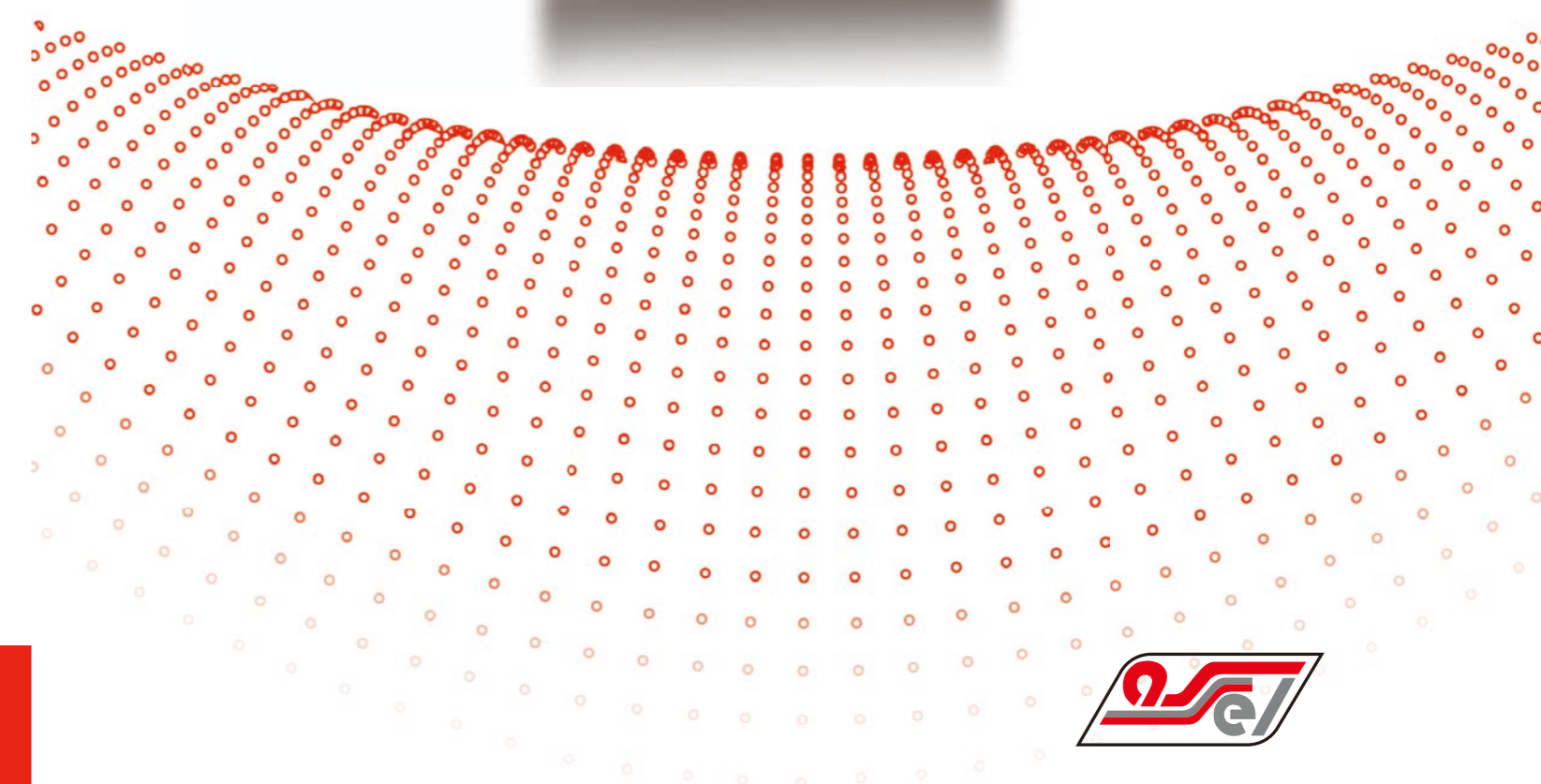

AS639

Hematology Analyzer



AS639
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FEATURES

AS639

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 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 throughout of 60 sec per test. High voltage shock and back-flush to remove blockage, auto and manual print is supported

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

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 - 180.0)g/L
MCV	≤ 0.4% (80.0 - 110.0) fL
PLT	≤ 4.0% (100.0 - 500.0×10 ⁹)/L

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

Software

