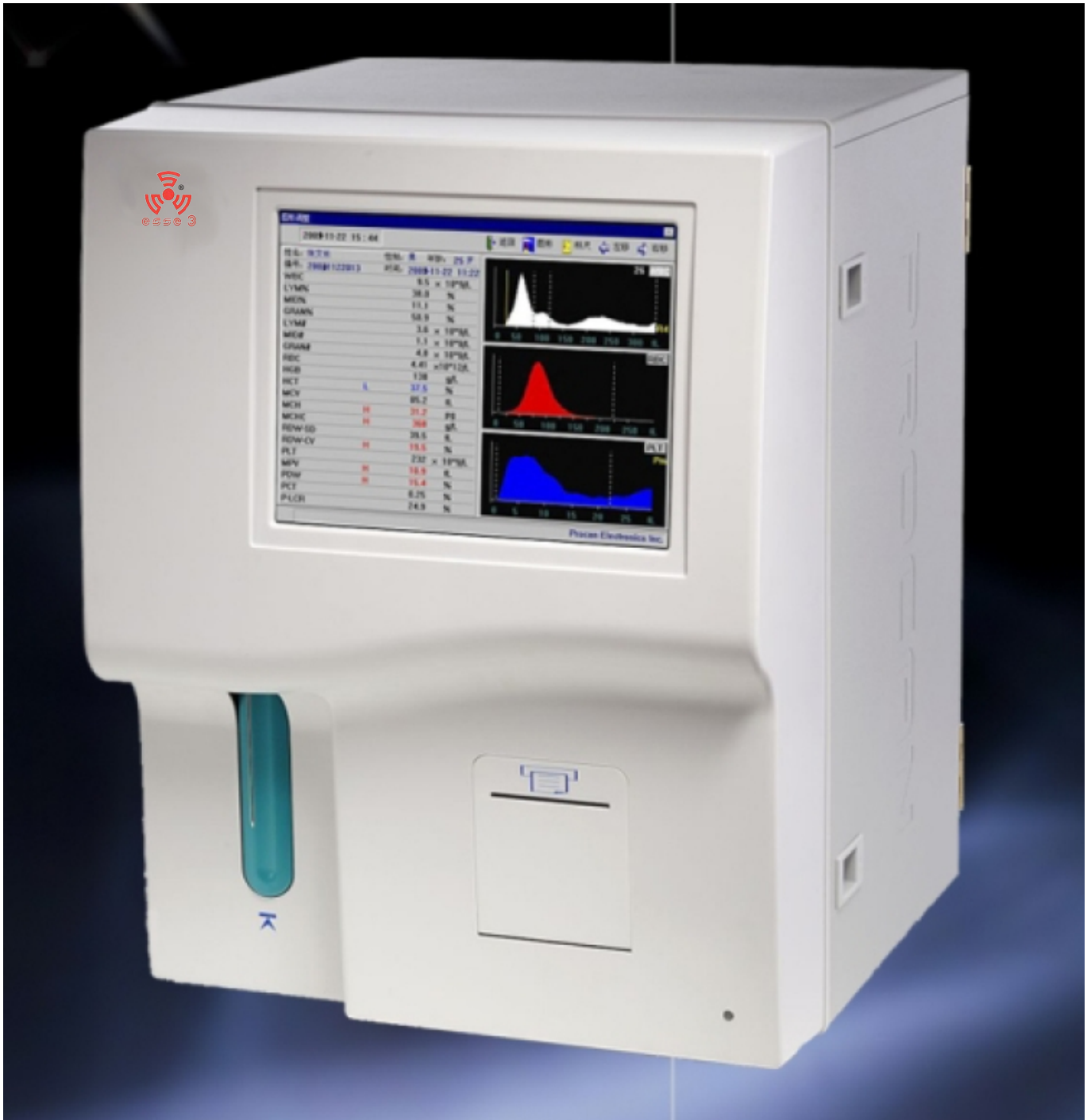


ES-HEM 300

HAEMATOLOGY ANALYZER



20 PARAMETERS HAEMATOLOGY ANALYZERS

FULLY AUTO HEMATOLOGY ANALYZER IS AN EASY OPERATION . BLOOD ANALYTICAL SYSTEM WITH 3-PART DIFFERENTIATION OF WBC. WITH ADVANCED DIGITAL TECHNOLOGY, FLOAT DISCRIMINATOR, INTELLIGENT FLUSH , DOUBLE QUANTITATIVE TECHNOLOGY TO ENSURE THE ACCURACY OF THE RESULT

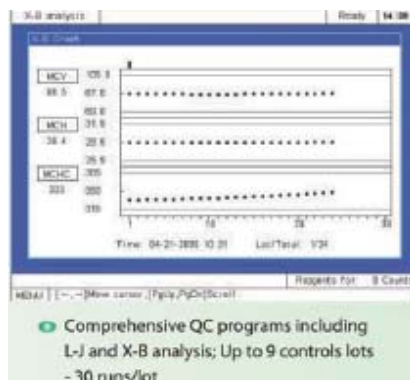
- 20 parameters and 3 color histograms (WBC, RBC, PLT) display
- three detecting modes : VENOUS, CAPILLARY and PREDILUTES
- Throughput 60 samples/H
- Large 10.4" LCD colour display 640x480
- Memory for storage upto 35.000 results (including histograms) , L.J curver, X , SD , CV
- Possibility to work in venous blood (9,6 µlt) , capillary mode (9,6 µlt) or prediluted (13 µlt)

- Aperture diameter WBC/RBC : 100/80 µm
- dilution rates : WBC whole blood1:304 ,capillary1:293 - RBC/PLT whole blood 1:44833 , capillary 1:44402
- precision RBC ± 2% - WBC ± 2,5% - Hct et MGv ± 2% - HGB ± 1,5%
- Carry over : WBC, RBC, HGB < 0.5% , PLT<1%
- Calibration mode : Relatively independent manual calibration and auto-calibration in three detecting modes
- Color Windows operating system, graphical buttons , supporting mouse operation

- High precision microanalysis technology, low consumption of blood sample volume (only 9,6 µlt)
- Double convolution and intelligent fitting technology to ensure the accuracy of PLT counting
- High voltage zap with monitor in real time, recoil flush technology
- Automatically cleaning sample needle (inside and outside)
- Intelligent auto detection and maintenance functions
- Intelligent float discriminator, manual adjustment

- Automatic alarm for inadequate reagents and fully enclosed reagent tubing
- Adjustable sample needles, suitable for various sample collection containers
- Microprocessor controlled , Autotest and automatic calibration with automatic temperature compensation
- Menu : Count, Sample Mode, Review, Quality Control, Setup, Service, Calibration, Help, Shutdown
- Built-in thermal printer , paper wide 58 mm
- multi-language SW , with 36 sets of alert messages

- comprehensive QC programs including L-J and X-B analysis ; up to 9 control lots- 30 run/ lot
- Outputs : 1 parallel interface, 2 PS/2 interfaces (supporting networks) , 2 RS 232 ports , 2 USB , 1 VGA interface
- Power supply 100 to 240V 50/60 Hz, consumption 220 VA
- Environment : Temperature 15°C~35 °C – Humidity 30%~85%
- Dimensions 55x50x60H cm, weight 34 kg



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