

EM-7100

Hematology Analyzer

Technical specifications

Principles

WBC: Semiconductor Laser Flow Cytometry Method
RBC/PLT: Electrical Impedance Method
HGB: Colorimetric method

Throughput

60 samples per hour

Sample Consumption

Venous/ Capillary/ Pre-diluted mode $\leq 20\mu\text{L}$

Test Mode

CBC+DIFF, CBC

Calibration

Auto calibration, Manual calibration

QC Mode

L-J, X-B

Parameters

WBC, Neu#, Lym#, Mon#, Eos#, Bas#,
Neu%, Lym%, Mon%, Eos%, Bas%, RBC,
HGB, HCT, MCV, MCH, MCHC, ROW-SD,
ROW-CV, PLT, MPV, POW, PCT

Display

10.4" touch screen display

Working Environment

Temperature: 10-30°C, Humidity $\leq 70\%$

Dimension

364mm*498mm*431 mm

Weight

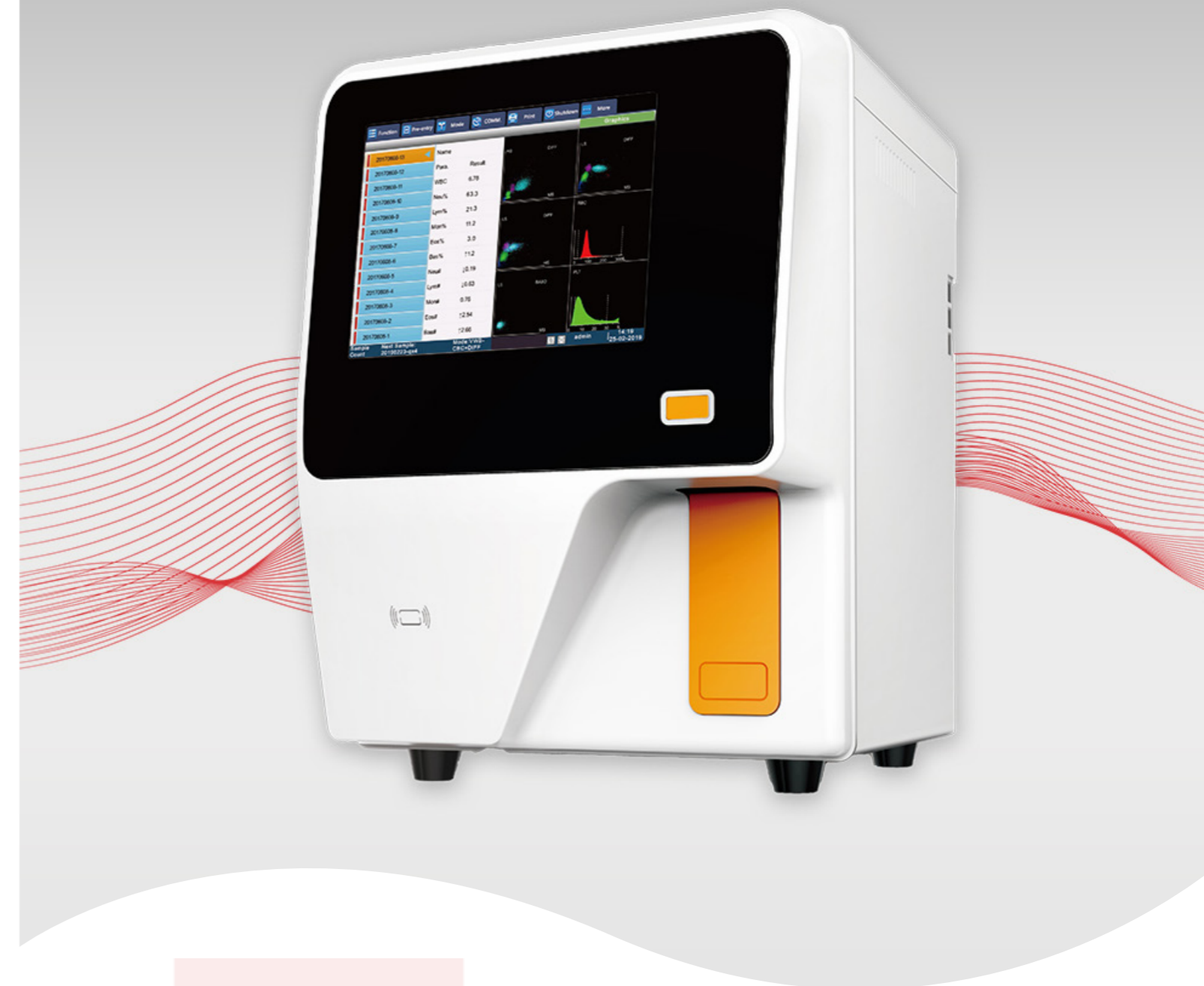
26.5KG

Storage

50,000 sample results inclusive scatter diagrams and histograms

Linearity

WBC: 1.0-99.9x10⁹/L
RBC: 0.3-7.0x10¹²/L
PLT: 20-999x10⁹/L
HGB: 20-240g/L





EM-7100
5-diff Fully Auto
Hematology Analyzer >



EASTMED
PROFESSIONAL LABORATORY
EQUIPMENT MANUFACTURER

PRODUCT MANUFACTURED BY EASTMED

AN ISO9001;2008 CERTIFIED COMPANY

 190# longping Road, Huate Industrial Zone, longgang District, Shenzhen, GuangDong China 518116

 0755-33275355
0755-22658200

 info@east-medical.com
www.east-medical.com





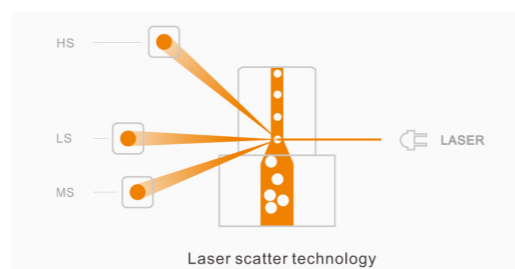
Stable & Efficient

- 60 samples per hour, one-button automatic analysis and print, support multiple report formats.
- Micro sample technology: $CBC \leq 11 \mu L$
 $CBC+DIFF \leq 15 \mu L$
- 30 parameters, 4 scatter diagrams and 3 histograms (4 parameters for research)



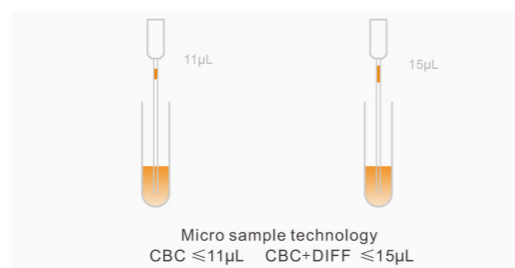
Sensitive & Reliable

- Highly integrated electrical & fluidic system and particular modular design to enhance performance.
- Sensitive liquid position detection technology, easy reagent management system.
- Independent operating system, support LIS and two-way transmission.



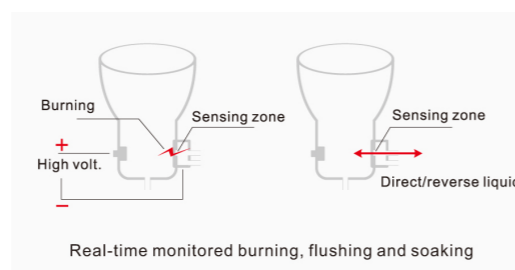
Automated & User Friendly Interface

- 10.4" touch screen display, use friendly operating system, built-in soft keyboard, easy to use.
- Support external barcode scanner and USB keyboard&mouse.
- Reagent built-in with constant temperature management.
- User permission management to avoid misoperation.



Intelligent & Safe

- Anti-clog: high voltage burning, flushing, soaking.
- Alarm: Abnormal sample alarm, reagent abnormal alarm, instrument failure alarm.
- One-button troubleshooting
- Auto maintenance system, customized maintenance period



EM-7100

EM-7100 is 5-diff fully auto hematology analyzer with advantaged digital technology, laser scatter technology, flow cytometry technology, intelligent anti-clog technology to ensure precise of the test results.

10.4" touch screen display and user-friendly operating system will make your daily use comfortable.



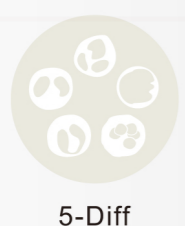
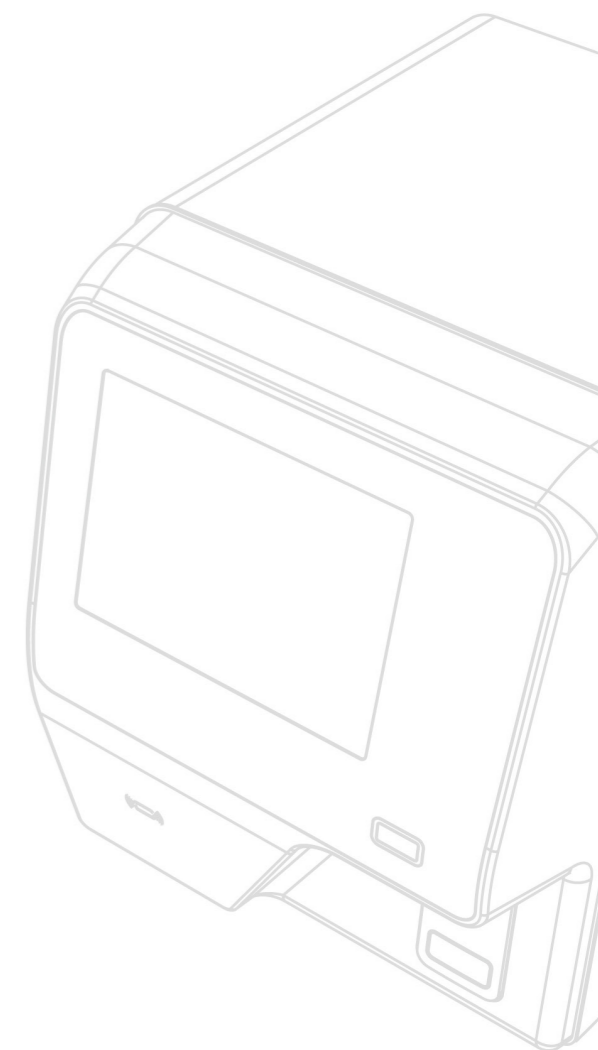
- Abnormal sample alarm
- Reagent abnormal alarm
- Instrument failure alarm



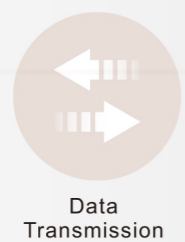
- User permission management
- User-friendly system



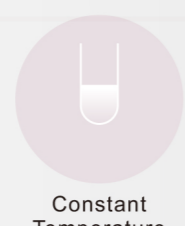
- Colour touch screen display
- Build-in soft keyboard
- Support USB keyboard&mouse



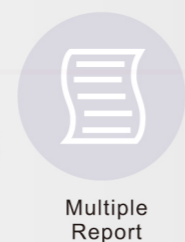
5-Diff



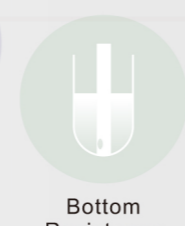
Data Transmission



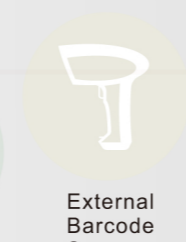
Constant Temperature Reagent



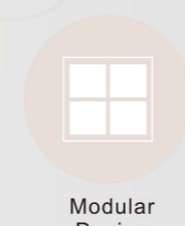
Multiple Report Formats



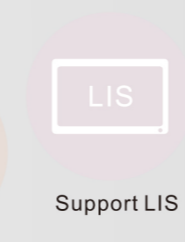
Bottom Resistance



External Barcode Scanner



Modular Design



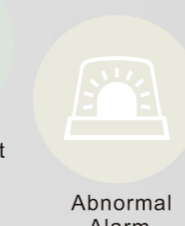
Support LIS



One Button Analysis



Independent Operating System



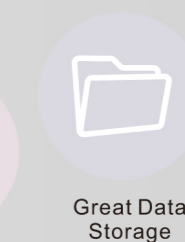
Abnormal Alarm



Intelligent Maintenance



Liquid Detection



Great Data Storage



USB Port