

Parameters	Linearity range	CV% limits
WBC	6(0-10.0)×10 ⁹ /L	≤±0.3×10 ⁹ /L
	(10.1-210)×10 ⁹ /L	≤±5%
RBC	(0-1.00)×10 ¹² /L	≤±0.05×10 ¹² /L
	(1.01-10.0)×10 ¹² /L	≤±5%
HGB	(0-70) g/L	≤±2g/L
	(71-300) g/L	≤±2%
PLT	(0-100)×10 ⁹ /L	≤±10×10 ⁹ /L
	(101-2000)×10 ⁹ /L	≤±8%

Specifications

DS-600i	
Parameters:	27 parameters: WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, PDW, P-LCR, P-LCC, MPV, PCT, NEU#, NEU%, LYM#, LYM%, MON#, MON%, EOS#, EOS%, BAS#, BAS%. Research parameters: ALY#, ALY%, LIC#, LIC%. Histogram: RBC Histogram and PLT Histogram Scatter gram: 4-Differential Scatter gram and BASO Scatter gram
Principle:	laser flow cytometry and chemical dye analysis, electrical impedance method, colorimetry
Speed	60 tests/hour
Sample volume	15 µL for whole blood, 20 µL for pre-dilution, 10 µL for micro predilution, 15 µL for MT
Test mode	whole blood, pre-dilution, micro predilution, MT
Sampling methods	Manual+Auto loader
Autoloader capacity	60 tube positions
Data storage capacity	depends on the capacity of PC hard disk
Three QC methods	X-R, L-J, X-B
Display	6 inches color LCD display and PC display
Interface	2 x USB 2.0 Host, 1 x USB 2.0 Device, 1 x RS 232
Input device	PC and Barcode Scanner
PC configuration	WINDOWS XP, above 1024 x 768 display resolution, USB 2.0 interface, LAN network interface
Power supply	AC100-240 V, 50 Hz/60 Hz
Power	Rated 250 VA, 150 VA average
Dimensions(W*H*D)	700*470*710
Weight	50 KG
Operating Environment	15 °C-35 °C; 35%-80%; 70-110 kPa

About Edan

Edan is a healthcare company dedicated to improving the human condition around the world by delivering value-driven, innovative and high-quality medical products and services. For over 20 years, Edan has been pioneering a comprehensive line of medical solutions that address a broad range of healthcare practices including:

- Diagnostic ECG
- Patient Monitoring
- OB/GYN
- Ultrasound Imaging
- Point-of-Care Testing
- In-Vitro Diagnostics
- Veterinary

Healthcare professionals around the world depend on Edan's breakthrough medical technologies and outstanding customer support.



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ENG-IVD-DS-600i-V2.0-20150120

DS-600i

5-Part Differential Automated Hematology Analyzer



DS-600i

5-Part Differential Automated Hematology Analyzer



10 μ L Blood Sampling

The whole blood mode needs only 15 μ L of blood sample, while the micro predilution mode needs only 10 μ L. The benefits extend the possibility of a back-up test.

LCD



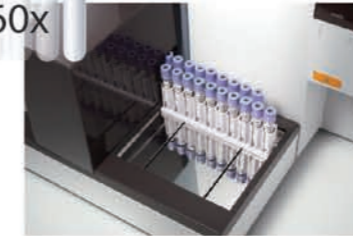
Dual operating system

Common Test Run, Mode Switch, Sampling Methods Select, Diluent Inject and Emergency Treatment insert without PC. Double operating systems increase efficiency and convenience.

Color LCD Screen for status monitoring

Real-time monitoring including running status, measuring mode, and reagent volume, etc. Wizard of daily procedures to guarantee correct operations

60x



High-capacity Automatic Sample Conveyor

Able to load 60 samples at a time to increase standing-alone running period, suitable for batch processing

Sample Browser For Auto-Conveyer + Batch Verification

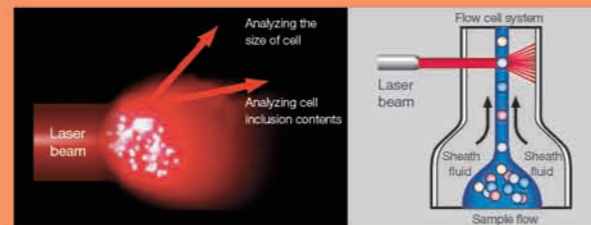
Color-code indicates sampling status with batch verification function, which facilitates doctors to check and review analysis results.

MT mode



Unique MT Mode

Specially designed for micro centrifuge tubes, no need to dilute, plus unique algorithm and special distribution ratio of reagents to achieve optimal performance.



Semiconductor Laser + Flow Cytometry + Chemical Dye

Advanced differential technology to ensure 5-part WBC's precision and accuracy

