



It will probably be your first 5-part differential hematology analyzer!

Most Powerful Universal 5-Part Differential Hematology

Advanced Techniques

- Semiconductor laser and flow cytometry technique
- High-precision injector SP quantitative sampling technique
- Adaptive flexible contour classification technique
- Cell thermostatic reaction technique
- Two-channel cell analysis technique
- Photoelectric residual reagent detection technique

Unique Characteristics

- Only 3 original reagent types to guarantee running economically and efficiently
- The smallest sample volume required for special cares
- Four test modes to multiply running choices
- Comprehensive self-maintenance and alarm function
- One key faults removal
- Comprehensive reagent management system

DS-500 Hematology Analyzer

Specification

DS-500	
Parameters	27 parameters: WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, PDW, 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 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
Data storage capacity	depends on the capacity of PC hard disk
Four QC methods	X-R, L-J, X-B, X mean
Display	5 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 × 768 display resolution, USB 2.0 interface, LAN network interface
Power supply	AC100~240 V, 50 Hz/60 Hz, 300VA
Dimensions (W*H*D)	705*470*500 mm
Weight	55 KG
Operating Environment	15 °C-30 °C; ≤85%; 70-110 kPa
Reagent	HD-50 Diluent, HD-50 Lyse, HD-50 Cleaner
Control and Calibrator	ED-500D, ED-CAL PLUS

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-500
V1.0-20200226

DS-500 Hematology Analyzer





It will probably be your first 5-part differential hematology analyzer!

10 μ L Blood Sampling 10 μ L

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.

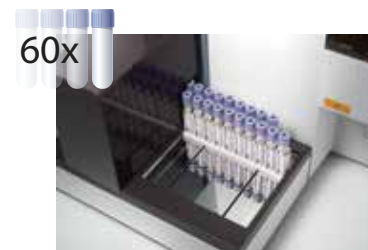


Dual operating system

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

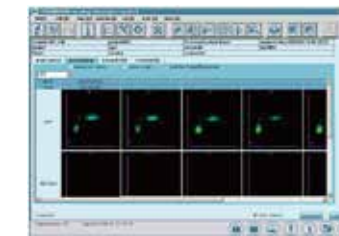
Color LCD Screen for status monitoring

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



Easy Upgraded High-capacity Autoloader

DS-500 is specially designed for equipping with autoloader to make your upgrade as easy as possible.



User Friendly Interface for Batch Verification

Multi graphics display provides doctors with great convenience to check and review historical reports.



Economical Test Running

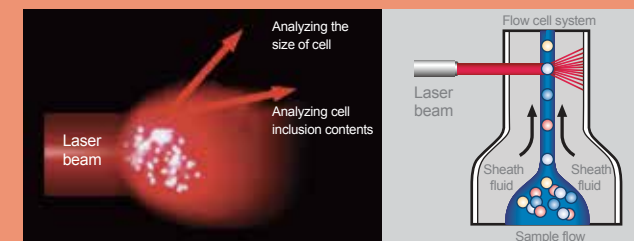
Unique reagent ingredients from original manufacturer make the running more economically and efficiently.

DS-500

Hematology Analyzer

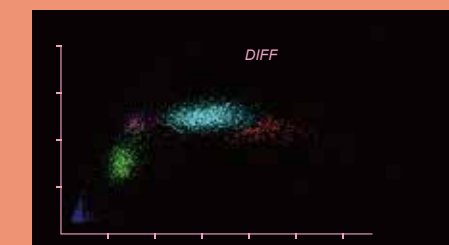
Dual operating system

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



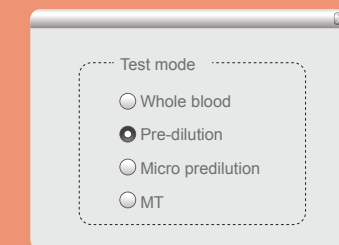
Semiconductor Laser + Flow Cytometry

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



Adaptive Flexible Contour Classification Technique

Dynamic classification adjustment improves analysis accuracy.



Complete Measuring Modes

Four measuring modes + two sampling modes and over ten measurement and analysis schemes.



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.