

H30 Pro Hematology Analyzer

Specifications



Parameters
23 parameters: WBC, LYM%, MID%, GRA%, LYM#, MID#, GRA#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW, RDW-SD, PLT, MPV, PDW, PCT, P-LCC, P-LCR, NLR, PLR

Histograms: WBC (3-Diff), RBC and PLT

Performance	Parameter	Linearity Range	Precision(CV %)
	WBC (10 ⁹ /L)	0.00-300.00	≤2.5% (7.0-15.0)
	RBC (10 ¹² /L)	0.00-8.50	≤1.5% (3.5-6.5)
	HGB (g/L)	0-250	≤1.5% (100~180)
	PLT (10 ⁹ /L)	0-4000	≤5.0% (100~500)
	HCT (%)	0-67	≤2.0% (35-50)

Principles Electrical impedance method for cell counting and cyanide free lyse for hemoglobin measurement

Throughput 60 samples per hour

Sample Volume 10µL for whole blood mode ; 20µL for pre-diluted mode

Control and Calibrator ED-30D, ED-CAL PLUS

Reagent HD310 Diluent, HL310 Lyse, HC310 Cleaner

Display 10.4 inch TFT color touch screen

Interface USB Port, LAN

Data Storage Capacity 100,000 Files including demographics, results and histograms, 12 QC Files (100 data per File)

Operating Environment Temperature: 15°C~35°C; Humidity: 20% RH~85% RH ; Air pressure: 70kPa~106kPa

Input Device Built-in virtual keyboard and external barcode scanner

Power Supply 100V-240V, 50Hz/60Hz

Dimensions and Weight Depth (415 mm) x Width (275 mm) x Height (406 mm) ; Weight: 18kg

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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Marketed by....

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A world of potential



H30 Pro

Hematology Analyzer

Empowering CBC test
 with maximum capabilities

H30 Pro

Empowering CBC test with maximum capabilities

The H30 Pro is an automated 3-part hematology analyzer that integrates the innovative, successful characteristics of its predecessors with a range of new features. It is an attractive and up-to-date choice for CBC test in a wide range of laboratories. To pursuit higher quality, more cost-effective CBC test, we empower the H30 Pro with maximum capabilities so that it can

- Offer up to 23 parameters including PLR and NLR
- Extend linearity range to meet more clinical cases
- Differentiate WBC with dynamic threshold
- Fit pediatric samples and difficult draw with small sample volume
- Simplify work process with intuitive operation system
- Lower cost with few routine reagents



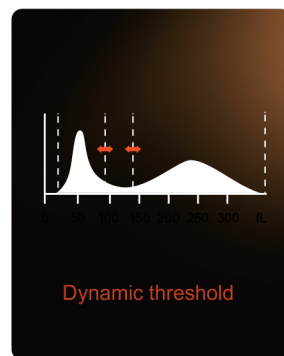
Easy-to-navigate interface



Offering NLR & PLR



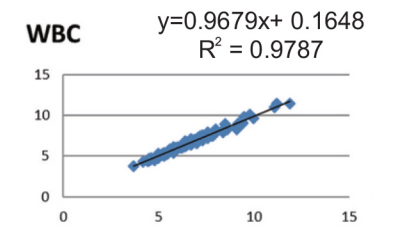
Capillary whole blood testing



Dynamic threshold

Expand clinical capabilities

- Wider linearity range and better precision meet more clinical cases.
- 23-parameters test result including NLR and PLR allows prognosis of infectious and cardiovascular diseases.
- Dynamic threshold differentiates WBC with better accuracy.
- Original hematology calibrator and controls guarantee the performance.



Simplify work process

- 10.4 inch color touch screen with innovative operation system is simple-to-use and easy-to-navigate.
- Handheld barcode scanner allows easy entry of patient ID.
- RFID transducer helps manage reagent easily.
- Integrated thermal printer streamlines result report with fast response.



- With a memory of 100,000 results, 3 histograms, the analyzer offers a complete review of patient data. And it can compare the patient result with history.
- Besides that, the analyzer can store 12 QC Files with 100 QC data for each.
- Multiple interfaces support various connection for external printers, barcode scanner, USBs, etc. It's simple to export the patient data, import the QC target sheet from the front-panel USB port.
- Data transfer to LIS via LAN (TCP/IP) with bi-directional transmit.

Allow cost control

- Biohazard-free reagents reduce disposal costs.
- Two routine reagents are used to perform analysis, plus up to 120 days on-board stability and lower reagent consumption, thus providing a cost-effective test results.
- Minimal maintenance provides maximum up-time.

