

# HEMATOLOGY ANALYZERS



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Hematology analyzers are used to perform the tests on blood samples. It works on both Coulter's principle and flow cytometry to determine the granularity and inner complexity of the cells. They are used in laboratories for measuring complete blood counts, blood cell counts, coagulation tests, and reticulocyte analysis. A laser light is directed to the sample and the scattered light is measured at various angles along with the absorbance to identify cell count.

Also known as Blood Analyzer, Laboratory Hematology Analyzer, Cell Counter.

## LTANA10 HEMATOLOGY ANALYZER

High Efficiency and convenience: (1) 60 samples per hour, minimize your workload. (2) 1 click for analysis with 20 parameters+3 histograms.

Complete diagnostic solution: (1) Two reagents only(500mL LYSE, 20 L DILUENT), cost-effective. (2) International brand control and calibrator provided, high quality.

Powerful data management: (1) Store 100,000 results, large memory. (2) Easy to check history results, humanized design. (3) Support LIS, easy data transmission.

Intelligent design: (1) Intelligent software menu for hardware diagnosis. (2) Advanced high voltage and flush to remove blockage automatically.



## SPECIFICATIONS

Model	LTANA10-1	LTANA10-2
Interface	Keyboard, mouse, RS232 serial port	USB port, RS232
Test Principle	Impedance for cell counting and cyanide-free method for HGB	
Test Flow	1 click to finish test automatically, 10µL blood is needed	-
Clog Clear	High voltage and high pressure flush	
Parameter	3 part differentiation of WBC, 20 parameters	WBC, Neu#, Lym#, Mid#, Neu%,Lym%, Mid%, RBC, HGB, HCT, MCV, MCH, MCHC,RDW-SD, RDW-CV, PLT, MPV, PDW, PCT, P-LCR
Histograms	WBC, RBC, PLT	
Sample mode	Venous, Capillary and prediluted blood	Venous mode: 10pL, venous blood Capillary mode: 10pL, capillary blood Prediluted mode: 20pL capillary blood
Test Channel	2	-
Throughput	60 samples/hour	-
Language	English, Spanish, Portuguese, etc.	English, Spanish, Portuguese, Italian, etc.
QC Mode	3 level QC, L-J graph	
Calibration Mode	Auto mode and Manual mode	
Reference Range Type	Newborn, children, male, female and general	-
Reagent	2(Lyse and Diluent)	Lyse(500ml) and Diluent(20L) Reagent required for single test: Diluent: 26mL, Lyse: 0.35mL
Memory	100,000 sample results	
Display	Touch screen LCD	
Printer	Thermal printer, supports external printer	
Dimension	410x435x472 mm	514x594x645 mm

Weight	21 kg	24.7 kg
Power Supply	100~240 AC, 50/60 Hz	100~240 AC, 50/60±1 Hz

## ACCESSORIES

Accessory Code	Name	Unit	1
1801008020	Power Cable (1.8 m)	pc	1
1801008021	Ground Cable	pc	1
1801008022	Serial Port Cable	pc	1
1801008023	Mouse	pc	1
1801008024	Keyboard	pc	1
1801008025	Touch Pen	pc	1
1801008026	Side Door Key	pc	1
1801008027	Hex Wrench (Φ 2.5)	set	1
1801008028	Service Pack	set	1
1801008029	Thermal Printer Paper (Width: 80 mm)	roll	1
1801008030	Diluent (20 L)	bottle	1
1801008031	Lyse Solution (500 mL)	bottle	1
1801008032	PB Cleanser (50 mL)	bottle	1
1801008033	E-Z Cleanser (50 mL)	bottle	1
1801008034	Diluent Cap Component	set	1
1801008035	Lyse Solution Cap Component	set	1
1801008036	Waste Bottle Cap Component	set	1
1801008037	Waste Bottle	pc	1

## OPTIONAL ACCESSORIES

Accessory Code	Name	Unit
1801008008	Thermal Printer Paper (Width: 80 mm)	roll
1801008009	PB Cleanser (50 mL)	bottle
1801008010	E-Z Cleanser (50 mL)	bottle
1801008011	Service Manual	pc
1801008012	Diluent (20 L)	bottle
1801008013	Lyse solution (500 mL)	bottle

Accessory Code	Name	Unit
1801008014	CBC-3D Blood QC High Level (3.0 mL) (R&D)	tube
1801008015	CBC-3D Blood QC Normal Level (3.0 mL) (R&D)	tube
1801008016	CBC-3D Blood QC Low Level (3.0 mL) (R&D)	tube
1801008017	Lyse solution (1 L)	bottle
1801008018	CBC-CAL PLUS Calibrator (3.0 mL) (R&D)	tube
1801008019	Barcode Scanner Assembly	pc



LTANA10-1



LTANA10-2



**Labtare Analytical Instruments**

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