



HIGHTOP

HT-300 3 PART HEMATOLOGY ANALYZER

INTERFACE

ID	105*	104	103	102	101
Sample State	unchecked	unchecked	unchecked	unchecked	unchecked
Date	2018-09-08	2018-09-08	2018-09-08	2018-09-08	2018-09-08
Time	17:07	17:05	17:03	17:02	17:00
Blood Mode	whole blood				
Analysis Mode	CBC	CBC	CBC	CBC	CBC
WBC	0.0	22.4	41.1	22.3	0.2
RBC	0.00	5.69	5.59	5.65	0.00
HGB	0	116	114	108	*****
MCV	*****	62.6	90.0	48.5	*****
PLT	5	603	568	592	1
LYM%	0.0	30.3	30.6	30.7	10.8
MID%	0.0	7.3	6.8	6.5	2.4
GRAN%	0.0	62.4	62.6	62.8	86.8

SAMPLE RESULTS

The HT-300 3-Part Hematology Analyzer is a compact, fully automated blood cell counter designed for small to medium-sized laboratories and clinics, offering accurate and cost-effective hematology testing. Using advanced impedance technology for cell counting and colorimetric methods for hemoglobin measurement, it ensures reliable results comparable to high-end analyzers while remaining easy to use. With a touch-screen LCD, built-in printer, USB/LAN connectivity, and automatic sample aspiration, it streamlines workflows and reduces operating costs. Supporting 20-30 parameters, including WBC, RBC, HGB, PLT, and derived indices, the HT-300 provides comprehensive, affordable, and efficient routine hematology analysis.

TECHNICAL SPECIFICATIONS

Principle	Electric impedance method and colometry method
Sampling Mode	Whole blood, pre-diluted blood
Parameters	21 reportable parameters: WBC, LYM#, MID#, GRAN#, LYM%, MID%, GRAN%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC 3 histograms
Reagents	Build-in lyse and external diluent, probe cleaner for maintenance
Flag System	RBC, WBC, PLT abnormal sample and support customized test groups
Storage	Up to 50,000 results including histograms, and patient information
Quality Control	3 Level QC, L-J graph, X-B
Calibration	Manual and auto-calibration
Accessories	Standard: keyboard, waste liquid barrel, ground wire(3m) Option: mouse, external barcode scanner
Environment	Working Voltage: AC 100V-240V, 50/60Hz Rated Power: 40-60VA Working Temperature: 10°C-30°C Relative Humidity: ≤85%



PARAMETER 21 reportable parameters: WBC, LYM#, LYM%, MID#, MID%, GRAN#, GRAN%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P_LCR, P_LCC.
3 histograms for WBC, RBC and PLT



REAGENT Lyse B-3LH,
Diluent B-DI, Probe cleanser



If autoprint is set to on, the analyzer will automatically print the analysis report as set. If automatic communication is set to on, the analyzer automatically uploads the results of sample analysis and sample and patient information that are eligible for communication to the LIS system.



Whole blood mode: 10µL
Predilute mode: 20µL



USB, LAN
Support uni-directional LIS
Optional bar code scanner
Printer (optional)
4 USB interface and host interface:
a network interface

PERFORMANCE INDEX

Parameters	Range of linearity	Range of detection		Precision %/b
		Linear error (whole blood mode)	Range of detection	
WBC	1x10 ⁹ /L~10.0x10 ⁹ /L 10.1x10 ⁹ /L~99.9x10 ⁹ /L	No more than ±0.5x10 ⁹ /L No more than ±5%	3.5x10 ⁹ /L~9.5x10 ⁹ /L	≤2.0
RBC	0.30x10 ¹² /L~1.00x10 ¹² /L 1.01x10 ¹² /L~7.00x10 ¹² /L	No more than ±0.05x10 ¹² /L No more than ±5%	3.8x10 ¹² /L~5.8x10 ¹² /L	≤1.5
HGB	20g/L~70g/L 71g/L~200g/L	No more than ±2g/L No more than ±3%	115g/L~175g/L	≤1.5
PLT	20x10 ⁹ /L~100x10 ⁹ /L 101x10 ⁹ /L~999x10 ⁹ /L	No more than ±10x10 ⁹ /L No more than ±10%	125x10 ⁹ /L~350x10 ⁹ /L	≤6.0

- INCLUSIONS
- FREE LYSE
- FREE DILUENT
- FREE PROBE CLEANER
- FREE INSTALLATION
- FREE DEMONSTRATION
- FREE DELIVERY
- FREE WAST CONTAINER

ITEM	PRICE
HT-300 3 PART HEMATOLOGY ANALYZER	

5 YEARS WARRANTY !!
FREE DELIVERY NATIONWIDE!!!



HIGHTOP HT-5000 5-PART FULLY AUTO HEMATOLOGY ANALYZER

The analyzer can run 3 types of samples: whole blood samples, capillary whole blood samples and prediluted samples.



The HIGHTOP HT-5000 is a fully automatic 5-part hematology analyzer designed to deliver accurate and efficient complete blood counts with differential analysis. It can process both whole blood and prediluted samples, offering reliable results with minimal sample volume. Equipped with a color touchscreen interface and external printer support, it provides clear histograms and scattergrams for better diagnostic interpretation. With moderate throughput and a low reagent system, it is ideal for medium-sized clinical laboratories.

TECHNICAL SPECIFICATIONS

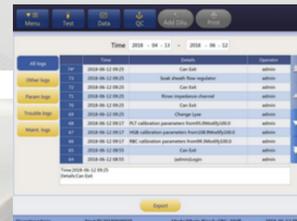
Specification	Value
Reportable Parameters	25 parameters with 2 histograms and 2 scattergrams
Throughput	Approximately 60 samples per hour
Sample Volume	≤ 30 µL per test
Reagent System	Uses 3 reagents
Test Modes	Whole blood mode, prediluted mode
Differential Capability	5-part WBC differential (NEU, LYM, MON, EOS, BAS)
User Interface	10.4-inch touchscreen with external printer support
Cleaning & Maintenance	Automated cleaning and fault handling system



SETTINGS



GRAPH REVIEW



VIEWING LOGS



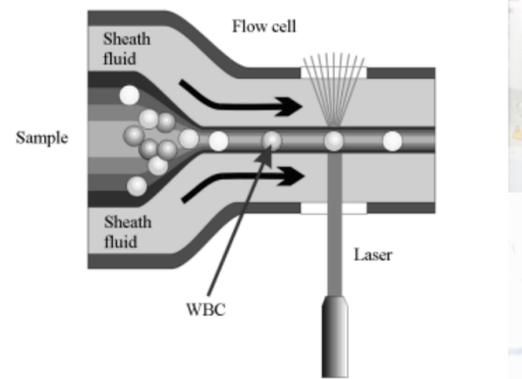
MANUAL CALIBRATION

SAMPLE ID

Param	Range	Whole Blood Precision (CV)	Prediluted Precision(CV)
WBC	3.5×10 ⁹ /L ~ 15.0×10 ⁹ /L	≤ 2.0%	≤4.0%
RBC	3.00×10 ¹² /L ~ 6.00×10 ¹² /L	≤ 1.5%	≤3.0%
HGB	100 g/L ~ 180 g/L	≤ 1.5%	≤3.0%
MCV	70 fl ~ 120 fl	≤ 1.0%	≤2.0%
PLT	100×10 ⁹ /L ~ 149×10 ⁹ /L	≤ 6.0%	≤10.0%
	150×10 ⁹ /L ~ 500×10 ⁹ /L	≤4.0%	≤8.0%



BASIC OPERATION



WBC MEASUREMENT

- INCLUSIONS
- FREE LYSE
- FREE DILUENT
- FREE PROBE CLEANER
- FREE INSTALLATION
- FREE DEMONSTRATION
- FREE DELIVERY
- FREE WASTE CONTAINER

ITEM	PRICE
HIGHTOP HT-5000 5-PART FULLY AUTO HEMATOLOGY ANALYZER	

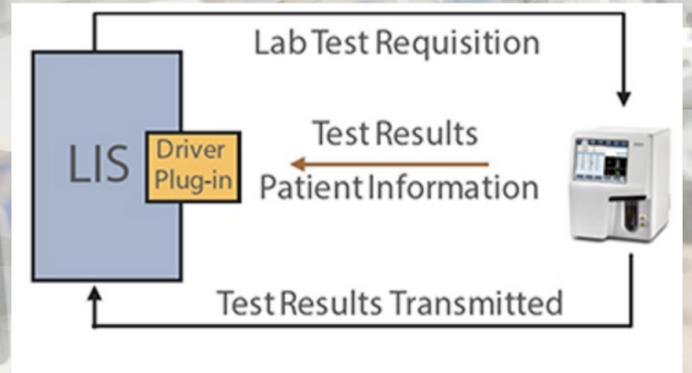
5 YEAR WARRANTY!!
FREE DELIVERY NATIONWIDE!!!

Auto Hematology Analyzer



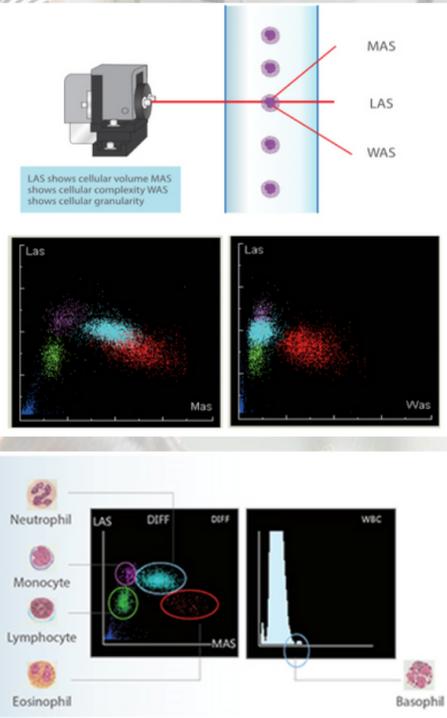
COMMUNICATION

BC-5000 supports bi-directional LIS with test results and patient information. HL7 protocol is supported as well.



TECHNICAL SPECIFICATIONS

Parameter	Specification
Type	5-part Auto Hematology Analyzer
Throughput	~40 samples per hour
Reportable Parameters	23 (CBC + 5-part WBC differential)
Sample Volume	Whole blood: ~11.7 µL; Pre-diluted: ~20 µL
Display	10.4" TFT Touch Screen
Measurement Methods	Impedance (RBC, WBC, PLT); Flow cytometry + laser scatter (WBC differential); Colorimetric (HGB)
Histograms & Scattergrams	3 histograms (WBC, RBC, PLT) + 3 scattergrams
Storage Capacity	Tens of thousands of results (numeric + graphical)
Printer	Built-in thermal printer
Connectivity	USB, LAN, RS-232, LIS/HL7
Dimensions (HxWxD)	435 x 325 x 410 mm
Weight	~23 kg
Reagents	Diluent, Diff Lyse, LH Lyse



- WBC 5-part differentiation, 23 reportable parameters, 3 histograms and 3 scattergrams
- Whole blood mode, Capillary whole blood mode and Prediluted mode
- Tri-angle Laser scatter + Chemical dye + Flow cytometry technology
- Dedicated optical counting channel for Basophil measurement
- Powerful capability of flagging abnormal cells
- 10.4 inch large TFT touch screen with user-friendly software
- Large storage capacity: up to 20,000 samples
- Throughput: 40 samples per hour
- Sample volume is only 15µL which is ideal for pediatrics
- Tri-angle laser scatter + focused flow + chemical dye, creating the possibility for a better 5-part WBC differentiation even on samples with high Eosinophil
- WBC 5-part differentiation, 23 reportable parameters, 3 histograms and 3 scattergrams
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- Tri-angle Laser scatter + Chemical dye + Flow cytometry technology
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UTILITY

Running capillary blood through the sample probe directly is more convenient for the users in children's hospitals, etc. For Prediluted mode, BC-5000 has higher dilution ratio than other 5-part hematology analyzer, thus it brings a better mixing effect.



CONNECTIVITY

4 USB ports are located on the instrument's left side. They permit BC-5000 users to transmit data conveniently and connect with printers, keyboard, mouse, barcode scanner, etc.

PRODUCT NAME	PRICES	TERMS AND CONDITIONS
BC-5000 Auto Hematology Analyzer		CASH

1 YEAR WARRANTY!!
FREE DELIVERY NATIONWIDE!!

BC-30

3 PARTS Hematology Analyzer



The BC-30 is a compact, fully automated 3-part differential hematology analyzer built for routine laboratory use. It provides a complete blood count (CBC) with three white blood cell categories (Lymphocytes, Mid [or “Mid cells”], Granulocytes), delivering 21 reportable parameters and three histograms. With a small sample volume requirement and simplified reagent system, it’s ideal for small to medium labs. The unit features a touchscreen interface, flagging system for abnormal results, and connectivity capabilities for laboratory information systems (LIS).

TECHNICAL SPECIFICATIONS

Parameter	Specification
Differential Type	3-part WBC (Lym, Mid, Gran)
Reportable Parameters	21 + 3 histograms
Throughput	Up to 60 tests/hour
Sample Volume	Whole blood: ~9 µL; Pre-diluted: ~20 µL
Display	10.4" TFT Touch Screen
Storage Capacity	~400,000 results
Measurement Method	Impedance (RBC, WBC, PLT); Cyanide-free HGB
Connectivity	USB, LAN, LIS/HL7
Dimensions & Weight	~410 × 300 × 400 mm; ~20 kg
Reagents	Diluent, Lyse, Cleaner



- CBC+3-DIFF, 21 parameters+3Histograms
- Throughput: up to 60 samples per hour
- 10.4 inch TFT touch screen
- Only three reagents needed
- Open vial sampling
- Large storage capacity: up to 400,000 samples
- Original QC, calibrators and reagents

- Different flag information provided according to parameter results together with histograms provides warning in case of abnormal cell results.
- We integrate technologies into our products to fulfill your clinical needs, therefore, today, Mindray products and services are used by healthcare facilities in over 190 countries and regions. More and more customers choose Mindray products and trust Mindray's quality.



PRODUCT NAME	PRICES	TERMS AND CONDITIONS
BC-30 3 PARTS Hematology Analyzer		CASH

**1 YEAR WARRANTY!!
FREE DELIVERY NATIONWIDE!!**