Better Usability

Minimum size with the footprint similar to that of a 17 inch laptop, with space saving design that allows internal storage of lyse giving small labs more space.

10.4 inch TFT touch screen together with our powerful software enhances user operations and experience.

New technology that eliminates the need for cleanser and rinse, reducing the number of reagents needed while at the same time lowering overall reagent consumption.

Flexible packaging of reagents, with normal and small sizes to better cater to the needs of different daily sample volumes.

Enhanced Performance

Higher throughput at 70 tests per hour.

Micro sample volume at 9.0uL for whole blood mode with capillary whole blood samples supported, perfect for pediatric samples.

BC-30s
Auto Hematology Analyzer

Technical Specifications

Principles
Impedance method for WBC, RBC and PLT counting
Cyanide free reagent for hemoglobin test

Performance

Parameter	Linearity Range	Precision (CV %)	Carryover
WBC(10^9/L)	0-200	≤3.5% (4.0-6.9)	≤0.5％
		≤2.0% (7.0 -15.0)	
RBC(10^{12}/L)	0-8.00	≤1.5% (3.5-6.5)	≤0.5％
HGB(g/L)	0-280	≤1.5% (100 -180)	≤0.5％
MCV(fL)		≤1.0% (70 -110)	
PLT(109/L)	0-4000	≤5.0% (100 -149)	≤1.0％
		≤4.0% (150 -500)	

Parameters
21 parameters: WBC, Lymph#, Mid#, Gran#, Lymph%, Mid%, 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
M-30D DILUENT
M-30CFL LYSE
PROBE CLEANSER

Sample Volume
Prediluted mode   20μL
Whole blood mode   9 μL

Throughput
70 samples per hour

Display
10.4 inch TFT Touch Screen

Data Storage Capacity
Up to 500,000 results including numeric and graphical information

Communication
LAN Port supports HL7 protocol
Support bi-directional LIS

Interface
4 USB port (for external printer, software upgrade, barcode reader, WIFI adapter,keyboard and mouse), LAN port (1)

Printout
Thermal recorder, 50 mm wide paper, various printouts formats
External printer optional

Operating Environment
Temperature: 10℃~40℃
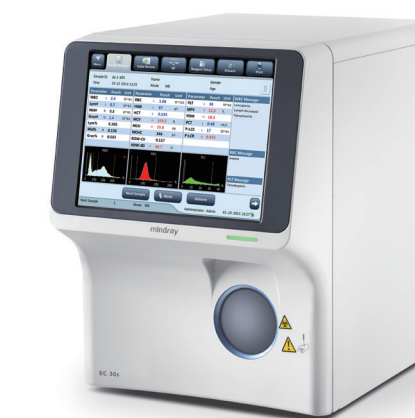Humidity: 10%~90%
Air pressure: 70kPa～106kPa

Power Requirement
100V-240V
≤300VA
50Hz/60Hz

Dimension and Weight
Dimension: Depth(410 mm) x width(300 mm) x height(400 mm)
Weight: ≤20Kg

BC-30s
Auto Hematology Analyzer

Minimum Size,
Maximum Capability

mindray
healthcare within reach
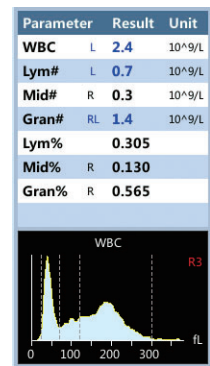
BC-30s
Auto Hematology Analyzer

What a 3-part should be

At Mindray we pride ourselves in our dedication and experience in developing better solutions for small labs. Our new line of 3-part hematology analyzers is the culmination of that effort. Compact yet powerful, full featured yet affordable, the BC-30s is what a 3-part analyzer should be.
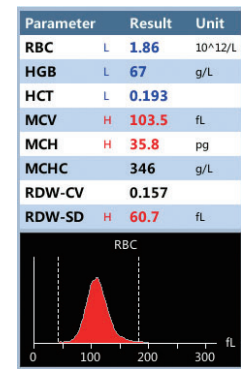
Exclusive Feature

Detailed flag information never before seen on a 3-part analyzer. Provides information useful for diagnosis including WBC flag, RBC flag and PLT flag.

Different flag information provided according to parameter results together with histograms.
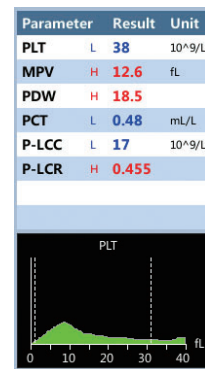

Leucopenia
Lymph decreased
Pancytopenia

Sample 1 : BC-30s shows flags "Leucopenia", "Lymph decreased", "Pancytopenia" which mean white blood cell decreased, the low number of Lymphocyte and decreased of leukocyte, erythrocyte and plate count. Meanwhile "R3" flag is also displayed. Two kinds of flag messages are both supported to ensure clinicians have better understanding of sample results.

Sample 2 : Flag "Anemia" means that the sample has the possibility of anemia.
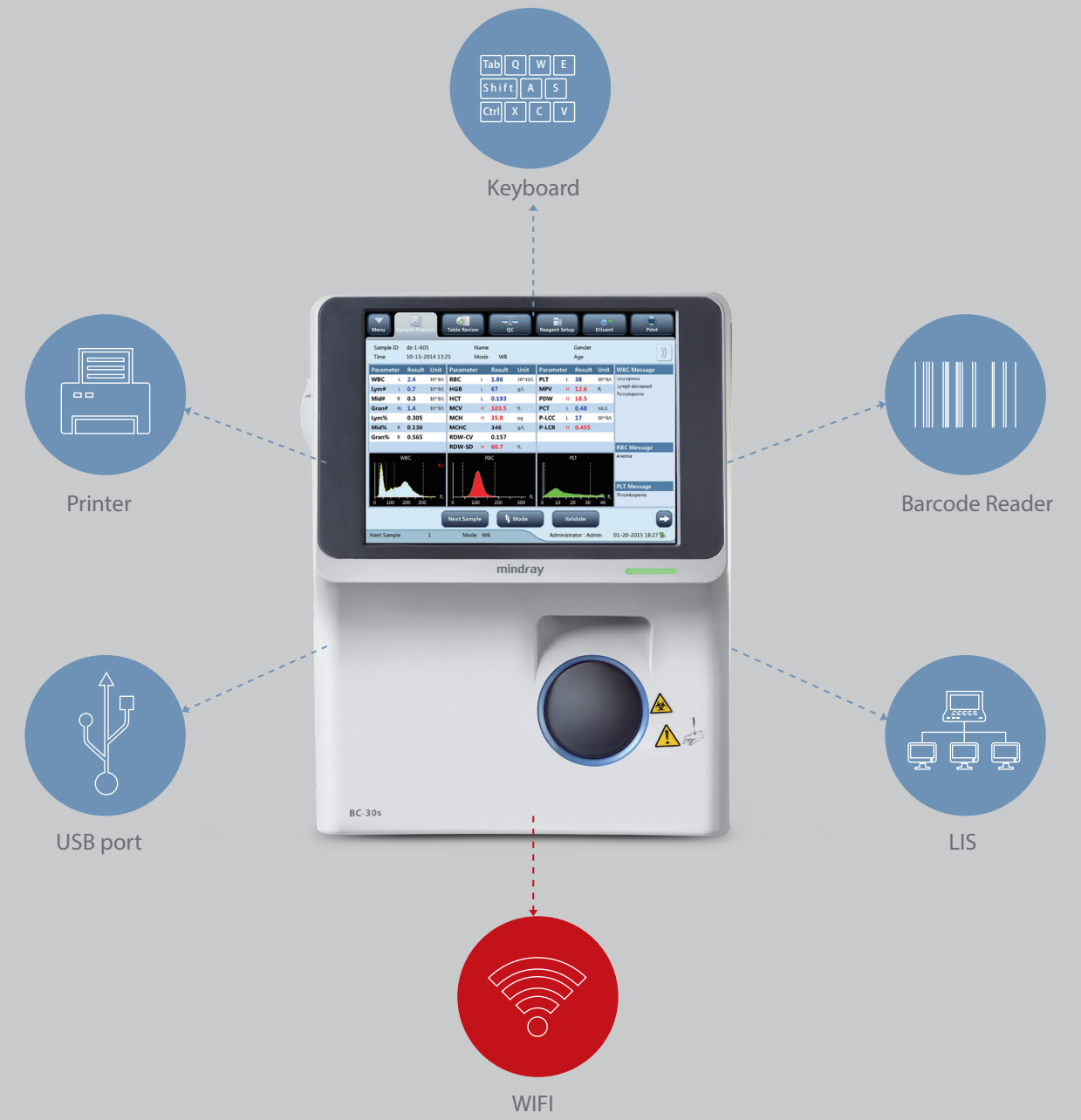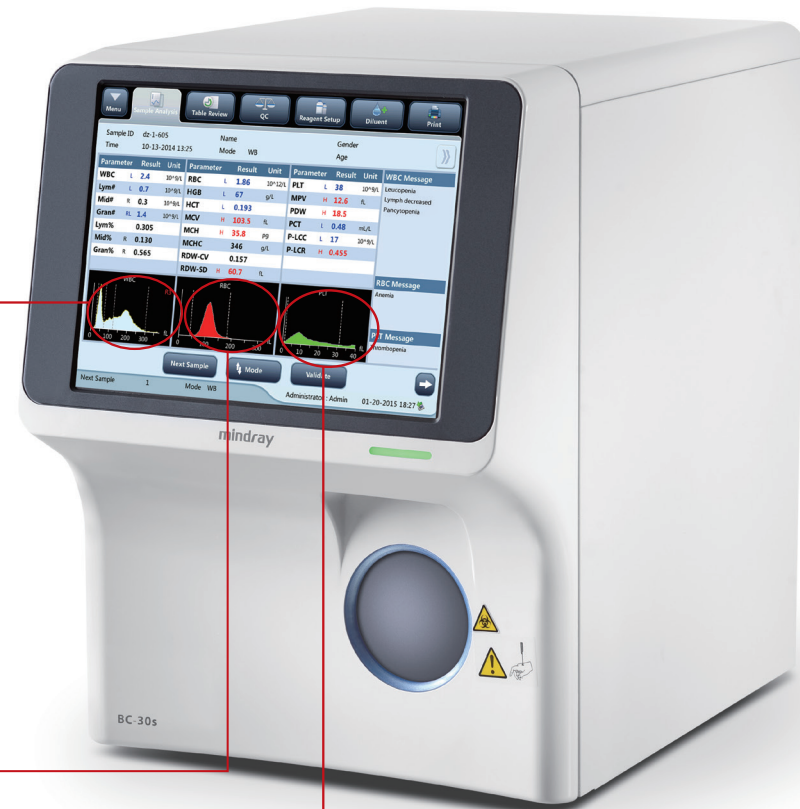

Anemia

Sample 3 : Flag "Thrombopenia" indicator is shown together with Platelets low flag.

Thrombopenia

Keyboard
Printer
Barcode Reader
USB port
LIS
WIFI

WIFI capability provides you an added option for data communication together with bi-directional LIS, USB port and LAN port, barcode reader, printer and keyboard.