



Accudiff 3-i 33s

Next Generation Hematology Analyzer
Minimum Size,
Maximum Capability



IRA COMPACT
Towards the New Era of Healthcare

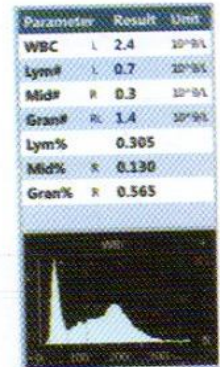
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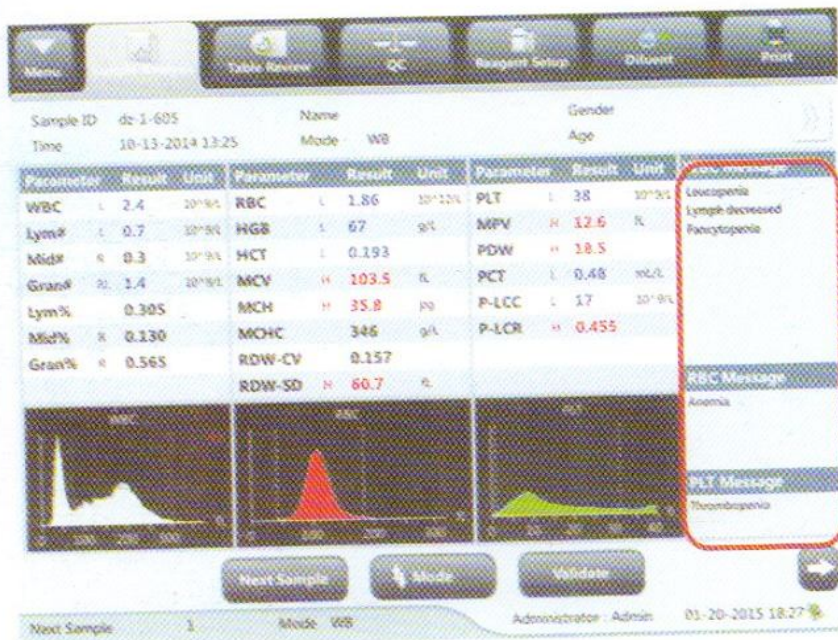
What a 3-part should be

Our new line of hematology analyzer, Accudiff 3-i33s is compact yet powerful, fully featured yet affordable 3-part analyzer.

Exclusive Feature

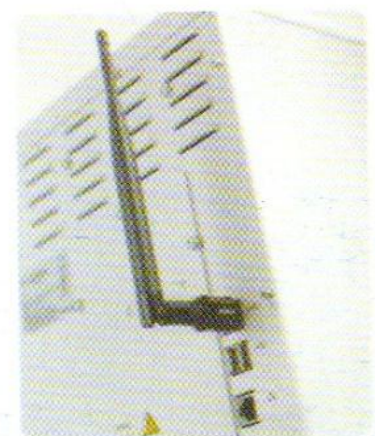


Leucopenia
Lymph decreased
Pancytopenia



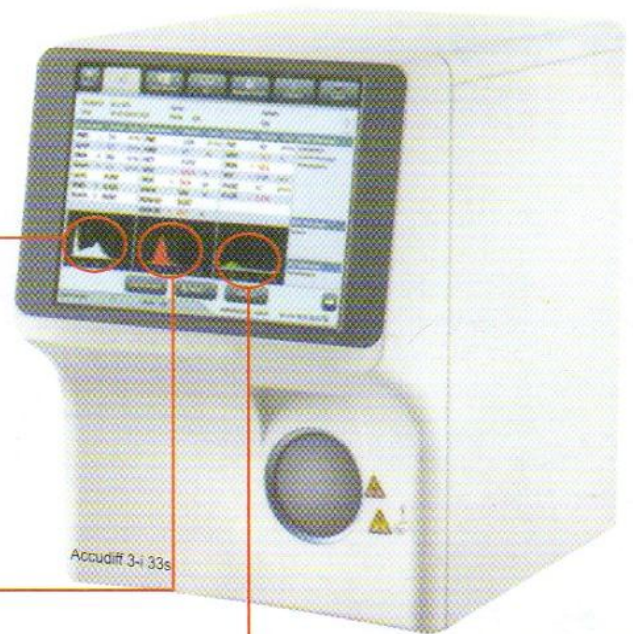
Detailed flag information never before seen on a 3-part analyzer. Provides information useful for diagnosis including WBC flag, RBC flag and PLT flag

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



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

Sample 1 : Accudiff 3-i33s shows flags "Leucopenia", "Lymph decreased", "Pancytopenia" which mean white blood cell decreased, the low number of Lymphocyte and decrease 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.

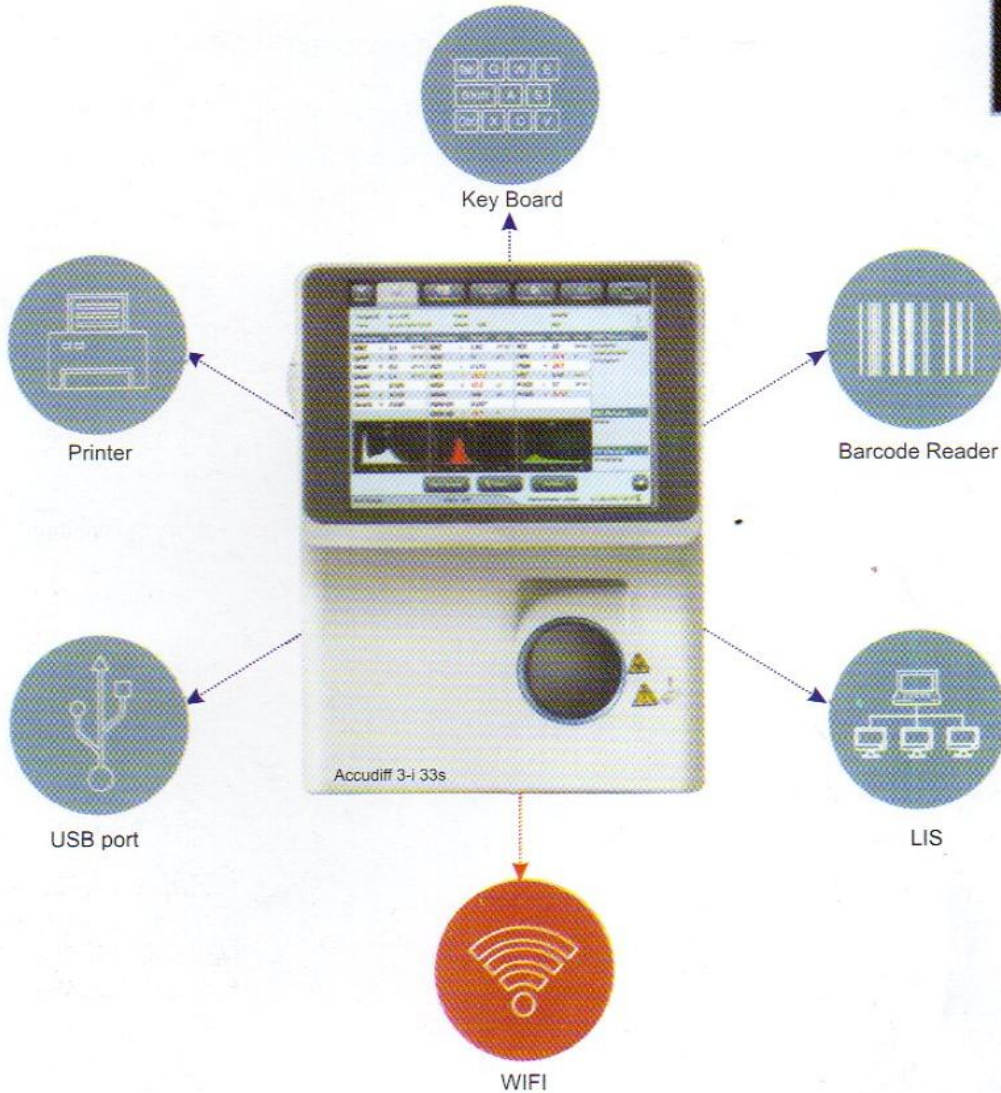


Sample 2 : Flag "Anemia" means that the sample has the possibility of anemia.

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

Parameter	Result	Unit
PLT	L 38	10 ⁹ /L
MPV	H 12.6	fL
PDW	H 18.5	
PCT	L 0.48	mL/L
P-LCC	L 17	10 ⁹ /L
P-LCR	H 0.455	

Parameter	Result	Unit
RBC	L 1.86	10 ¹² /L
HGB	L 67	g/L
HCT	L 0.193	
MCV	H 103.5	fL
MCH	H 35.8	pg
MCHC	346	g/L
RDW-CV	0.157	
RDW-SD	H 60.7	fL



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Technical Specifications

Principle

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

Performance

Parameter	Linearity Range	Precision (CV %)	Carryover
WBC(109/L)	0-200	<3.5% (4.0-6.9) <2.0%(7.0 - 15.0)	<0.5%
RBC(1012/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	<1.5% (3.5-6.5) <4.0% (150-500)	<1.0%

Parameters

21 parameters: WBC, Lymph#, Gran#, Lymph%, Mid%, Gran%, RBC, HBC, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC
3 histograms for WBC, RBC and PLT

Reagent

BeneSphera DILUENT
BeneSphera FL LYSE
BeneSphera PROBE CLEASER

Sample Volume

Prediluted mode 20uL
Whole blood mode 9uL

Throughput

70 samples per hour

Display

10.4 inch TFT Touch Screen

Multi-language

Chinese, English, Spanish, Portuguese, Russian, French, Bahasa Indonesia

Data Storage Capacity

Up to 500,000 result 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 recoder, 50 mm wide paper, various printouts formats
External printer optional

Operating Environment

Temperature: 100C~400C
Humidity: 10%~90%
Air pressure: 70kPAN106kPa

Power Requirement

100V-24V
<300VA
50Hz/60Hz

Dimension and Weight

Dimension: Depth(410 mm) x width(300 mm) x height(400 mm)
Weight: <20kg



Phillipsburg, NJ 9001:2008 & 14001:2004
Paris, KY 9001:2008
Mexico City, Mexico 9001:2008
Deventer, the Netherlands 9001:2008m 14001:2004 & 13485:2003

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