



AXIOM^(TM) SMART

3-Diff Auto Hematology Analyzer

AKSHAT BIOMEDICALS (P) LTD.

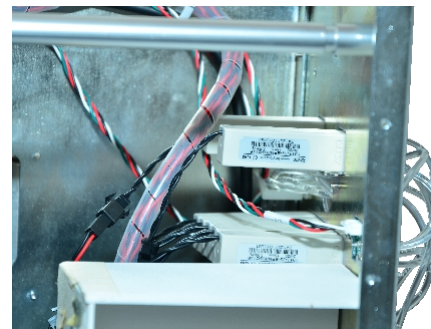
AXIOMTM SMART

3-Diff Auto Hematology Analyzer

Indigenously made with State of the Art Technology, customised to fit in to your environment.



Precise Diluting unit for accurate measurement of Sample/Reagents



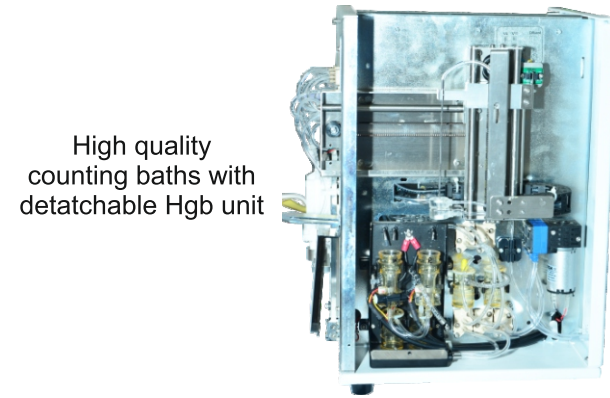
24v solenoid valves for longer durability of instrument



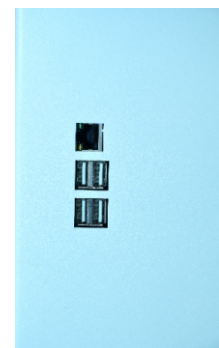
Lyse inside the instrument for better space management



Outside adpoter Power Supply



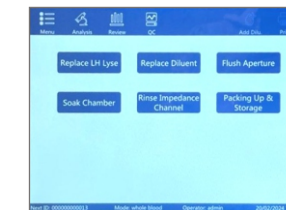
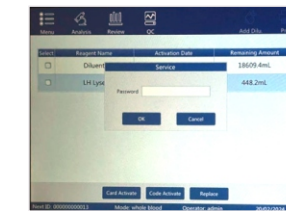
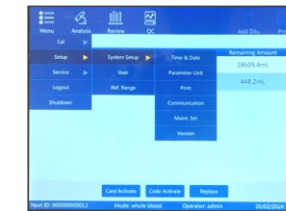
High quality counting baths with detachable Hgb unit



4 USB & one LAN port for additional I/P, O/P devices & L/S connectivity



Parameters	Precision	Linear Range	Contamination Rate
WBC	≤2.0% (3.5-15.0x10 ⁹)/L	(0-100.0x10 ⁹)/L	≤0.5%
RBC	≤1.5% (3.0-6.0x10 ¹²)/L	(0.10-8.00x10 ¹²)/L	≤0.5%
HGB	≤1.5% (100-180)/g/L	(0-250)g/L	≤0.6%
MCV	≤1.0% (70-120)fL	-	-
PLT	≤4.0% (150-500x10 ⁹)/L	(0-1000x10 ⁹)/L	≤1.0%



Characteristic Compatibility

- 1) Two modes of sampling: Whole blood, pre diluted blood
- 2) Build-in thermal printer, external laser printer or inkjet printer;
- 3) 4 USB. 1 LAN support protocol HL7 and compatible with LIS system
- 4) Accompanying quality control material

Light

- 1) 390mm (W) x 285mm (L) x 390mm (H)
- 2) Weight ≤16kg

User-friendly Design

- 1) 10.4" colourful touch screen
- 2) Liquid crystal display
- 3) Resolution 800x600
- 4) 10° incline adapt to visual observation

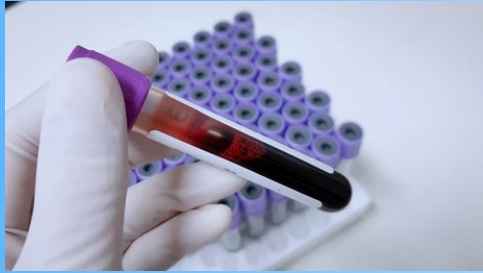
Maintenance Friendly

- 1) Auto-cleaning of sample probe and tubes
- 2) Automatic fault processing function

Low Consumption

- 1) Only need two reagents
- 2) Sample consumed ≤ 10 uL





Specification

	Principle	Electric impedance method and colorimetry method
	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~35° Relative humidity: 20%~85%
	Efficient	Upto 60 samples per hour

Manufactured by:

AKSHAT BIOMEDICALS (P) LTD.

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