



**MicroMedica[®]
Laboratories**
Improving Lives Together

MML-HA-300

3 Part Hematology Analyzer



Product Features



Reliable Results

- Multiple research parameters
- Accurate hardware
- High accuracy and precision
- Minimum sample consumption



Easy Operation

- User friendly software
- Multiple external interfaces
- Real-Time display of reaction curve
- Up to 60 samples per hour



Easy Maintenance

- Automatic and manual maintenance
- Multiple self-checking maintenance
- Modular-design structure
- Anti-blocking and blockage removal design



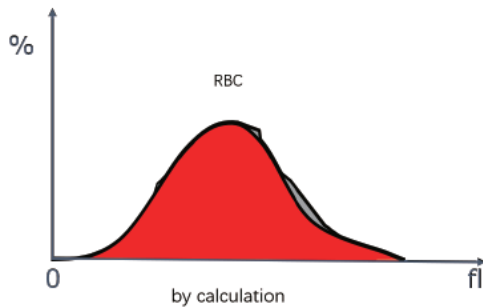
Compact Design

- Suitable for various detection sites
- Integrated design, no need for additional auxiliary instruments

Software Algorithm - Intelligent and Accurate Results

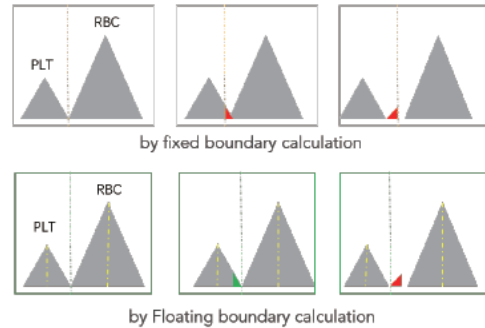
Digital filtering algorithm

- Automatically identify interference signal, correct the symmetry of RBC histogram, therefore enhance the accuracy of RDW\MCV.



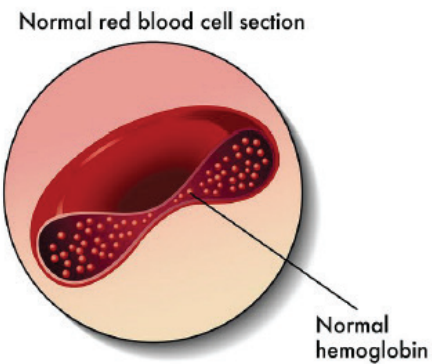
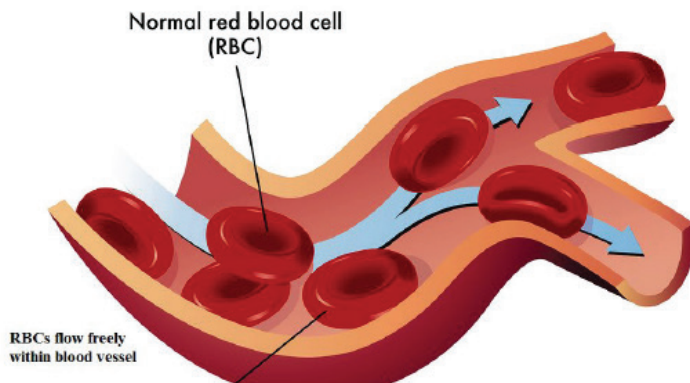
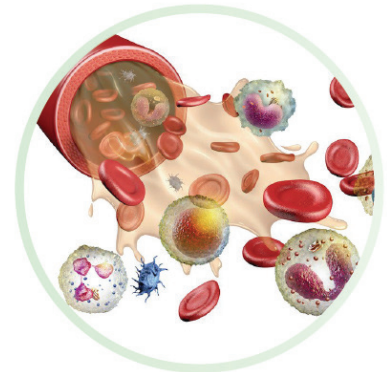
Floating boundary technology

- A method that can identify the boundary between RBC and PLT flexibly, and excludes the interference of small red blood cells.



Colourimetric Test - Haemoglobin Concentration

- Hemoglobin is the main component of red blood cells and serves as the transporter for oxygen and carbon dioxide in the blood. Hemoglobin concentration (Hb) is usually reported as grams of hemoglobin per deciliter of blood (g/dL).
- Colourimetric is used to measure hemoglobin concentration. Non-cyanide lyse reagent secures researchers' health.



Test Parameters

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Parameters

WBC group (7)

WBC, Lym%, Lym#, Mid%, Mid#, Gran%, Gran#

RBC group (8)

RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV

PLT group (7)

PLT, MPV, PDW-CV, PDW-SD, PCT, P-LCC, P-LCR

Reliable Results

Parameter	Linearity Range	Repeatability	Carryover
WBC	$(1.0\sim 200)\times 10^9/L$	$\leq 2.5\%$ $(3.5\sim 15.0)\times 10^9/L$	$\leq 0.5\%$
RBC	$(0.00\sim 8.00)\times 10^{12}/L$	$\leq 1.5\%$ $(3.50\sim 6.00)\times 10^{12}/L$	$\leq 0.5\%$
HGB	20 g/L ~ 250g/L	$\leq 1.5\%$ (110 g /L~180g/L)	$\leq 0.6\%$
PLT	$(20\sim 5000)\times 10^9/L$	$\leq 6.0\%$ $(100\sim 149)\times 10^9/L$ $\leq 4.0\%$ $(150\sim 500)\times 10^9/L$	$\leq 1.0\%$
MCV	-	$\leq 1.0\%$ (80fL ~ 110fL)	-

Reliable Results

Parameter	Electric impedance Colorimetry
Quality Control	X-B floating mean L-J Quality control
Throughput	60 samples/h
Storage	600,000 test records
Sample Volume	9 μ L (Whole blood mode) 20 μ L (Pre-diluted mode)
Sample Type	Capillary whole blood, Venous whole blood, Pre-diluted blood
Calibration	Manual and Auto-calibration
Graphic Parameters	22 Parameters + 3 Histograms
Dimensions	280 mm (L) * 460 mm (W) * 400 mm (H)
Weight	18.0 KG
Hematology Reagents	Diluent A, Lyse, Probe cleanser

Manufactured & Marketed By :

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