



**Q-Count 5**

## Fully Auto 5-Part Hematology Analyzer

A new class of Hematology Analyzer for your Hematology testing needs.....



# Friendly Features

10.4-inch  
Touch Screen



60  
Tests/hour

Built-in  
Printer



25 + 4  
Parameters

## Features :

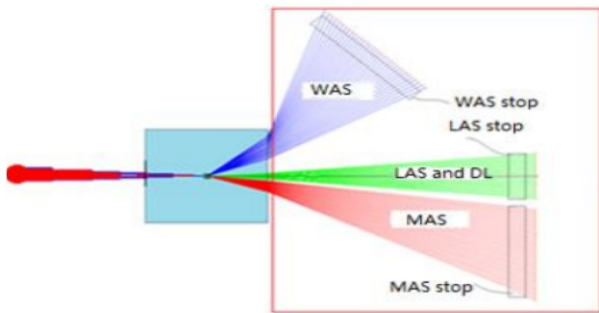
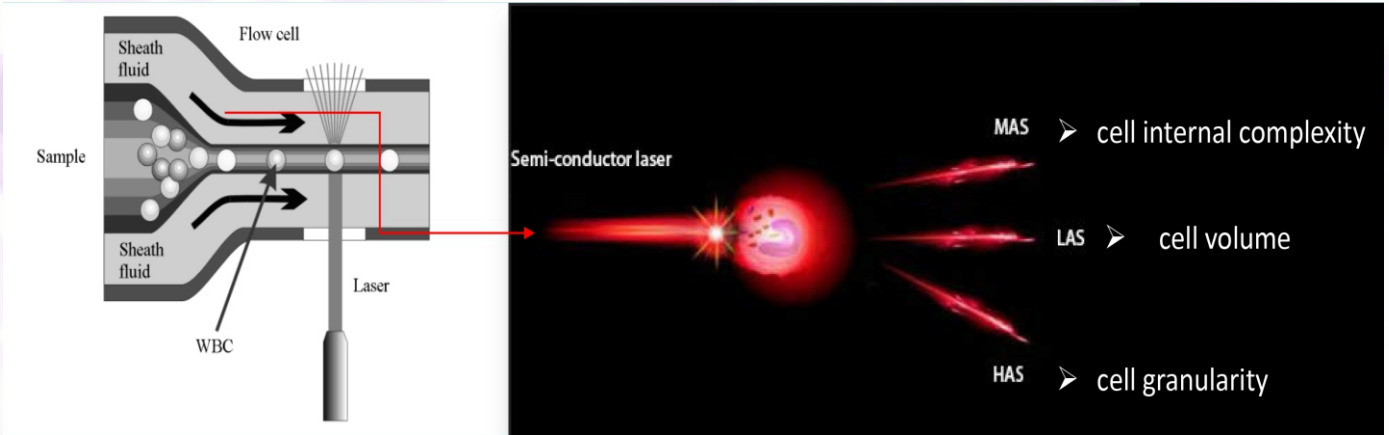
- Laser Scatter Flow cytometry technology for WBC and WBC diff
- Small sample volume with reliable results,
- Dedicated Baso channel, More accurate and reliable
- Built in thermal printer and large LCD display with touch functionality
- Cost effective and user friendly

# Compact Yet Powerful

2 Lyse inside, Save space for more operation

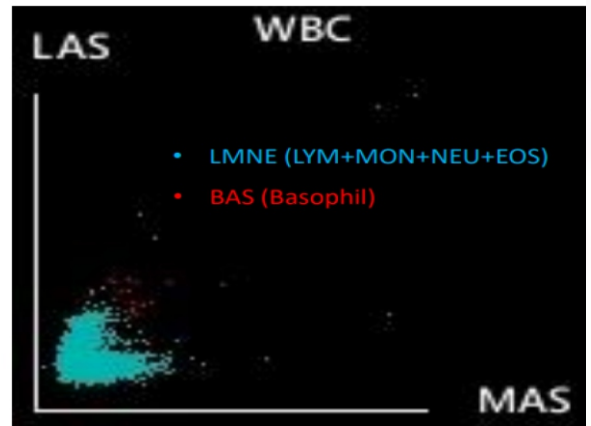


Sample Analysis	Review	QC	Reagent	Print	Diluent	Maintenance	Shutdown	
Sample ID: Z0D-5	Name:	WBC Info	RBC Info	PLT Info				
Date: 2022-01-14 16:20:01	Name: Whole Blood CBC-DIFF							
Para	Result	Unit	Para	Result	Unit			
Hgb	5.51	g/dL	Hct	5.05	%			
Hem	5.57	g/dL	HGB	50	g/L			
Hemat	185	%	RCT	89.8	%			
Hemat	0.20	%	MCHC	92.8	%			
Earl	0.50	%	MCH	29.8	pg			
Earl	0.94	%	MCHC	323	g/L			
Hemat	42.5	%	RDW-CV	17.8	%			
Leuk	11.8	%	RDW-SD	84.4	fL			
Neut	55.8	%	PLT	228	10 <sup>9</sup> /L			
Baso	1.3	%	MPV	8.9	fL			
Band	0.7	%	PDW	9.9	fL			
Mon	0.00	%	PCT	0.390	%			
PLT	228	10 <sup>9</sup> /L	PLR	42	%			
P-L	0.56	%	P-LCR	18.7	%			
P-L	0.0	%	P-LUC	85.1	%			
Previous	Next	Other Parameter	Validate					
PrestigeSum 723781				Admin	08 Oct 2022 07:12			



**Dedicated BAS channel:**

Measure BAS by laser scattering method but not impedance or calculation



**WBC = LMNE + BAS**

**TRI-ANGLE LASER SCATTER FOR WBC DIFFERENTIATION | IMPROVED ALGORITHM**

## Technical specifications:-

Measuring Principle	Tri-angle semiconductor laser flow cytometry for WBC and Diff count
	Electric Impedance for RBC & WBC count
	Colorimetry for Hb measurement with cyanide free reagent
Throughput	≥ 60 samples/hour
Sampling System	Open Tube
Sample Volume	20 µL
Sample Type	Venous Blood/Prediluted Blood/Capillary blood
Measurement Mode	CBC + Diff
Reported parameters (25):	WBC, Lym%, Mon%, Neu%, Eos%, Bas%, Lym#, Mon#, Neu#, Eos#,
	Bas#, RBC, MCV, HCT, RDW-SD, RDW-CV, HGB, MCH, MCHC, PLT, MPV,
	PCT, PDW, P-LCC, P-LCR
Research Parameters (4)	AL#*, AL%*, LIC#*, LIC%
Scattergram & Histograms	Diff Scattergrams
	WBC Scattergram
	RBC & PLT Histograms
Display	10.4 inch, Touch Screen
Reagents	Three RFID locked reagents
	Diluent, Diff Lyse, LH Lyse
	Probe Cleaner
QC capabilities	Mean, SD, CV, Levey- Jennings plots and X-B plots
Data Storage	1,00,000 samples (with Scatter plots & histograms)
Interfaces	2 USB Ports, 1 network port for Bidirectional LIS/HIS, HL7 protocol. Inbuilt thermal printer & Supports external USB printer, external barcode reader & mouse
Dimension	W 350 mm x H 450 mm x D 430 mm
Weight	28 Kg (approx.)
Environmental Conditions	Power Requirements: 100-240V, 50/60 Hz
	Operating Temperature: 18 - 35 °C. Relative humidity: 10% ~ 90%
	Atmospheric pressure: 70kPa ~ 106kPa

## Performance

Parameter	Linearity	Precision (CV%)	Carry Over
WBC	1.0 - 300 x 10 <sup>9</sup> /L	≤ 2.0 %	≤ 0.5%
RBC	0 - 7.0 x 10 <sup>12</sup> /L	≤ 1.5 %	≤ 0.5%
HGB	2.0 - 25.0 g/dL	≤ 1.5 %	≤ 0.6%
PLT	20 - 1000 x 10 <sup>9</sup> /L	≤ 5.0%	≤ 1.0%

This brochure may be revised or replaced by Q-Line Biotech at any time without notice

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