

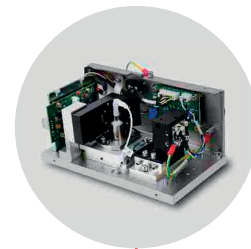
# STEL<sup>5</sup> Hematology Analyzer

## Compact Yet Powerful

- Real-time monitoring

Reagent	Reagent Name	Open Date	Expiry Date	Residual Volume
1	Urea	04-10-2020	06-30-2021	88.54%
2	SP-100	04-10-2020	06-30-2021	88.54%
3	SP-100	04-10-2020	06-30-2021	88.54%

- Reliable hardware, accurate results

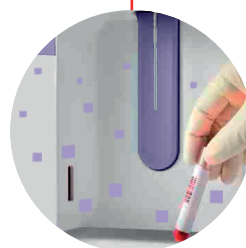


- Powerful data management

NO.	Sample	Test	Result	Unit	Ref. Range
1	101	WBC	10.5	10 <sup>9</sup> /L	4.0-10.0
2	101	Hb	150	g/L	120-160
3	101	Hct	45.0	%	37-47
4	101	MCV	100.0	fL	84-101
5	101	MCH	150.0	pg	27-34
6	101	MCHC	1.50	g/dL	0.32-0.48
7	101	RDW	11.5	%	11.5-14.0
8	101	PLT	200	10 <sup>9</sup> /L	150-400
9	101	MPV	0.10	fL	0.09-0.10
10	101	P-L	0.10	%	0.00-0.04
11	101	P-L	0.10	%	0.00-0.04
12	101	P-L	0.10	%	0.00-0.04
13	101	P-L	0.10	%	0.00-0.04
14	101	P-L	0.10	%	0.00-0.04
15	101	P-L	0.10	%	0.00-0.04

- Smart maintenance

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- Built-in barcode scanner

# STEL<sup>5</sup>

## Technical Specifications

### • Principle

Tri-angle laser scattering, flow cytometry for WBC differentiation and counting  
Impedance for RBC and PLT counting  
Cyanide-free method for HGB

### • Parameters

25 parameters: WBC, Lym%, Mon%, Neu%, Bas%, Eos%, Lym#, Mon#, Neu#, Eos#, Bas#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC.  
4 research parameters: LIC%, LIC#, ALY%, ALY#  
2 histograms for RBC and PLT  
4 scattergrams for WBC differential

### • Throughput

60 samples per hour

### • Calibration

Manual and Auto-calibration

### • Quality Control

3 level QC,  
LJ graph, XB

### • Sample volume

CBC+ Diff mode: 20µL  
Prediluted mode: 20µL

### • Reagents

3 Reagents (2 Lyse + 1 Diluent)  
1 PB cleanser for maintenance

### • Printout

Built-in thermal printer, support external printer

### • Sampling mode

Open mode, built-in barcode scanner

### • Maintenance

Auto-cleaning of sample probe and tubes

### • Temperature

10°C - 30°C

### • Interface

4 USB ports, 1 LAN port  
HL7 protocol, support LIS

### • Blockage clear

High voltage, high pressure flush

### • Power

AC 100-240V, 50/60±1Hz

### • Dimension

L430mm×W350mm×H435mm

### • Display

10.4-inch color touch screen  
Liquid Crystal Display (LCD)

### • Storage

50.000 sample results with scattergrams and histograms

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**LINEAR**

