

# SMT-30 3-Part Auto Hematology Analyzer

seamaty

- ☆ 2 Reagents.
- ☆ 21 Parameters.
- ☆ 60 Samples/hour.
- ☆ Low Consumption of reagent and sample
- ☆ Easy Operating System



*A new generation 3-diff  
Auto Hematology Analyzer*





### Low Consume

- Only need two reagents.
- Sample consumed  $\leq 20\mu\text{L}$ .



### Lightweight

- 390mm(L)x285mm(W)x390mm(H)
- Weight  $\leq 21\text{kg}$



### Efficient

- 60 samples per Hour.



### Less Maintenance

- Auto cleaning of sample probe and tubes.
- Automatic fault processing function.



### Compatibility

- Two modes of sampling: whole blood, pre-diluted blood.
- Build-in thermal printer, external laser printer or inject printer.
- 4 USB, 1 LAN support protocol HL7 and compatible with LIS system.
- Accompanying quantity control material.



### User-friendly

- 10.4" colorful touchscreen.
- Liquid Crystal Display.
- Resolution: 800x600
- 10° incline adapt to visual observation.



## Specifications

Parameter	Precision	Linear Range	Contamination Rate
WBC	$\leq 2.0\%$ ( $3.5-15.0 \times 10^9/\text{L}$ )	( $0-100.0 \times 10^9/\text{L}$ )	$\leq 0.5\%$
RBC	$\leq 1.5\%$ ( $3.0-6.0 \times 10^{12}/\text{L}$ )	( $0-10-8.00 \times 10^{12}/\text{L}$ )	$\leq 0.5\%$
HGB	$\leq 1.5\%$ (100-180) g/L	(0-250)g/L	$\leq 0.6\%$
MCV	$\leq 1\%$ (70-120) fL	-	-
PLT	$\leq 4.0\%$ ( $150-500 \times 10^9/\text{L}$ )	( $0-1000 \times 10^9/\text{L}$ )	$\leq 1.0\%$

<b>Power</b>	Voltage: AC 100V-240V, 50/60Hz Rated Power: 120VA	<b>Reagents</b>	Build-in LH Lyse, External Diluent, Probe Cleaner for maintenance.
<b>Principle</b>	Electric impedance method and Colorimetry method.	<b>Flag System</b>	RBC, WBC, PLT abnormal sample and support customized test groups
<b>Parameters</b>	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	<b>Storage</b>	Up to 50,000 results including histograms, scattergrams and patient information.
<b>Quality Control</b>	3 Level QC, L-J graph, X-B	<b>Accessories</b>	Standard: keyboard, waste liquid barrel, ground wire(3m) Option: mouse, external barcode scanner
<b>Calibration</b>	Manual and Auto-calibration	<b>Operational Environment</b>	Working Temperature: 10°C-35°C Relative Humidity: 20%-85%

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