

# KT80

5-Part Auto Hematology Analyzer

<b>Principles</b>	Flow Cytometry (FCM) + Tri-angle laser scatter + Chemical staining method for WBC differentiation Impedance method for WBC, RBC and PLT test Cyanide free colorimetry for HGB test	<b>Sample volume</b>	20 $\mu$ L
<b>Parameters</b>	25 reportable parameters: WBC, Neu#, Lym#, Mon#, Eos#, Bas#, Neu%, Lym%, Mon%, Eos%, Bas%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PDW, PCT, P-LCR, P-LCC  4 research parameters: ALY#, ALY%, LIC#, LIC%  3 histograms for WBC, RBC and PLT  One 3D scattergram and three 2D scattergrams for WBC differentiation	<b>Linearity range</b>	WBC: 0.00-300 $\times 10^9$ /L RBC: 0.00- 8.5 $\times 10^{12}$ /L HGB: 0- 250g/L PLT: 0- 3000 $\times 10^9$ /L HCT: 0-67%
<b>Printout</b>	External printer, compatible with multiply laser / inkjet printers, compatible with various formats and user-defined formats	<b>Repeatability</b>	WBC $\leq 2\%$ (4.0-15.0 $\times 10^9$ /L) RBC $\leq 1.5\%$ (3.5-6.0 $\times 10^{12}$ /L) HGB $\leq 1.5\%$ (110-180g/L) MCV $\leq 1\%$ (70-120fL) PLT $\leq 4.0\%$ (150-500 $\times 10^9$ /L)
<b>Throughput</b>	Up to 80 tests per hour	<b>Communication</b>	LAN port supports HL7 protocol Support bi-directional LIS
<b>Storage</b>	Up to 100,000 records	<b>Sample mode</b>	Whole blood, capillary whole blood and pre-diluted modes
		<b>Power requirement</b>	100V-240V, 50/60Hz, $\leq 200$ VA
		<b>Dimension</b>	650mm(W)*550mm(D)*610mm(H)
		<b>Net weight</b>	58kg



Kapitol Group International Ltd.

No.154 .Sec 1 Xinnan Rd, Luzhu District, Taoyuan City,33858, Taiwan

+886-3-3214953

+886-3-3227755

kapitol-group.com

info@kapitol-group.com



# KT80

5-Part Auto Hematology Analyzer

