

KT80

5-Part Auto Hematology Analyzer

Principles	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	Sample volume	20μL
		Linearity range	WBC: 0.00-300×10 ⁹ /L RBC: 0.00- 8.5× 10 ¹² /L HGB: 0- 250g/L PLT: 0- 3000× 10 ⁹ /L HCT: 0-67%
Parameters	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	Repeatability	WBC≤2% (4.0-15.0×10 ⁹ /L) RBC≤1.5% (3.5-6.0×10 ¹² /L) HGB≤1.5% (110-180g/L) MCV≤1% (70-120fL) PLT≤4.0% (150-500×10 ⁹ /L)
		Communication	LAN port supports HL7 protocol Support bi-directional LIS
Printout	External printer, compatible with multiply laser / inkjet printers, compatible with various formats and user-defined formats	Sample mode	Whole blood, capillary whole blood and pre-diluted modes
		Power requirement	100V-240V, 50/60Hz, ≤200VA
Throughput	Up to 80 tests per hour	Dimension	650mm(W)*550mm(D)*610mm(H)
Storage	Up to 100,000 records	Net weight	58kg



KT80

5-Part Auto Hematology Analyzer

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



Fully Automatic Intelligent Technology

Visual self-tests (working status self-test and reagent volume self-detection)

Automatic test re-run, with re-run rules inside

One-button error removal and automatic standby mode function

Intelligent WBC/RBC/PLT floating threshold technology



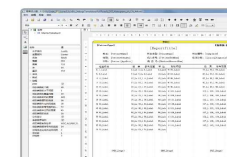
Excellent Data Management System

A wide range of pathological alarms and up to 20 user-defined alarm ranges

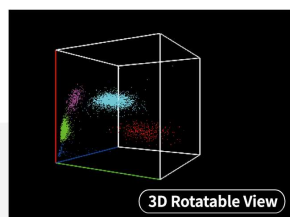
Customized templates print and help to customize the final report according to requirements

Bi-directional LIS connection

QC and calibration management



Especially for blood sample untreated over a long time



3D scattergram for accurate differentiation and pathological sample flag



Loading up to 60 samples simultaneously and supporting continuous samples loading



Up to 80 tests per hour, auto sample mixing



Multiply sample modes: whole blood, capillary whole blood and pre-diluted modes



Closed and open vial modes, emergency mode available