

Technical Specification

Specification

Principle	Flow cytometry + tri-angle laser scatter+ chemical dye method for WBC 5-diff differential analysis and WBC counting
	Impedance method for RBC and PLT counting
	Cyanide free reagent for HGB measurement
Mode	CBC, CBC+DIFF
Throughput	60 samples per hour
Parameters	25 reportable parameters: WBC, Lym%, Mono%, Neu%, Bas%, Eos%, Lym#, Mono#,
	Neu#, Bas#, Eos#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT,
	MPV, PCT, PDW, P-LCR, P-LOC
	4 research parameters: ALY%, ALY#, LIC%, LIC#
Graph	3-D DIFF scatter gram,
	2-D BASO scatter gram
	2 histograms for RBC and PLT
Sample Mode	Whole blood, Capillary blood, Pre-diluted
Sample Volume	18 µL
Reagent	Z5 LD Lyse, Z5 LB Lyse, Z5 DN Diluent, Probe cleanser
Calibration	Manual calibration
	Auto calibration: Fresh blood, calibrator
QC Rule	L-J, X-B, X-M, X-R
Screen	8.4-inch touch screen
Interface	4 USB port for external printer, external barcode scanner, mouse, keyboard, etc.
	1 network port, HL7 protocol, support bilateral LIS.
Storage Capacity	≥50,000 results including numeric and graphical information
Power Supply	(100-240) V~, 50/ 60Hz, 200 VA
Operation environment	Temperature: (10-30) °C
	Humidity: (20-85) %
	Atmospheric Pressure: (70-106) kPa
Weight	24 Kg
Dimension (mm)	230(W)* 415(D)*435 (H)
