

HY-3200 Hematology Analyzer



Hematology Analyzer

Features

- Easy to operate
- Carry-over protection by automatic probe interior and exterior washing.
- Both whole blood and prediluted blood test modes are available
- Automatic self-checking and warning function
- Clog prevention and maintenance function
- Automatic standby function
- Safe reagent without any harm to environment

Technical Parameters

Model	HY-3200								
Automatic	Fully automatic								
Throughput	60 tests / hr								
Assay Items	22 parameters, 3 parts differential of WBC								
Sample Volume	13ul (whole blood), 20ul (prediluted blood)								
Measuring Principle	Electro-impedance, photometric analysis								
Parameter	WBC	LY	LY%	MO	MO%	GR	GR%	MCH	MCHC
	RBC	HGB	HCT	MCV	RDW-SD	RDW-CV			
	PLT	MPV	PCT	PDW					
	WBC histograms			RBC histograms		PLT histograms			
Linearity Range	WBC: 0.0-99.9 (X 10 ⁹ /L)				RBC: 0.0-9.99 (X 10 ¹² /L)				
	HGB: 0.0-300 (g/L)				PLT:0-999 (X 10 ⁹ /L)				
Accuracy (CV %)	WBC ≤ 2.0%			RBC ≤ 1.5%		PCT ≤ 3.0%			
	PLT ≤ 5.0%			HGB ≤ 1.5%		MPV ≤ 3.0%			
	HCT ≤ 2.0%			MCV ≤ 1.0%		PDW ≤ 3.0%			
	MCH ≤ 2.0%,			MCHC ≤ 2.0%,					
Display	LCD								
Storage	200,000 results including histograms								
Output	One RS232, one PS/2 and two USB. Available for LIS								
Printer	Built-in thermal printer, USB to external printer(optional)								
Data Input	Keypad(mouse and keyboard available)								
QC	Automatically calculates \bar{X} , SD, CV% and saves data								
Language	English and Spanish. Other language on request								
Power Supply	AC110V 60HZ or 220V 50HZ								
Dimension	43cm*32cm*50.5cm								
Weight	20.00 kg								