



• CE • ISO9001:2008 • ISO13485:2003



## Hematology Analyzer

## Technical Specifications

Model	HY-3200
Automatization	Fully automatic
Throughput	60 tests/hr
Parameters	WBC, LY, MO, GR, LY%, MO%, GR%
	RBC, HCT, MCV, RDW-SD, RDW-CV, MCH, MCHC
	PLT, MPV, PCT, PDW
	HGB
	WBC histograms, RBC histograms, PLT histograms
Measuring Principle	Electro-impedance, photometric analysis
Sample Volume	10 $\mu$ l(whole blood), 20 $\mu$ l(prediluted blood)
Storage	200,000 results including histograms
Display	LCD displaying all the reading results of sample
Printer	Built-in thermal printer or interface to external printer
Data Input	Keypal(mouse and keyboard available)/Touch display/Key board/Barcode
Output	RS-232, USB, Internet access, available for LIS system
QC	QC Program calculates X, SD, CV%, and saves data
Language	English, Chinese, other languages on request
Power Supply	AC110/220V 50/60Hz
Dimensions	43cm $\times$ 32cm $\times$ 50.5cm
Weight	20.0kg

Linearity Range		Accuracy(CV%)		
WBC	0.0-99.9( $\times 10^9$ /L)	WBC $\leq$ 2.0%	RBC $\leq$ 1.5%	PCT $\leq$ 3.0%
RBC	0.0-9.9( $\times 10^{12}$ /L)	PLT $\leq$ 4.0%	HGB $\leq$ 1.5%	MPV $\leq$ 3.0%
HGB	0.0-300(g/L)	HCT $\leq$ 2.0%	MCV $\leq$ 1.0%	PDW $\leq$ 3.0%
PLT	0-999( $\times 10^9$ /L)	MCH $\leq$ 2.0%	MCHC $\leq$ 2.0%	

## Features

<ul style="list-style-type: none"> <li>● Easy operation</li> </ul>	<ul style="list-style-type: none"> <li>● Internal real-time monitoring clog system</li> </ul>
<ul style="list-style-type: none"> <li>● Carry-over prevented by automatic cleaning probe interior and exterior of probe</li> </ul>	<ul style="list-style-type: none"> <li>● Clog prevention and maintenance function</li> <li>● Automatic standby for 24 hours</li> </ul>
<ul style="list-style-type: none"> <li>● Both whole blood test mode and prediluted blood test mode available</li> </ul>	<ul style="list-style-type: none"> <li>● Multiple report formats available</li> <li>● Free cyanide reagent</li> </ul>
<ul style="list-style-type: none"> <li>● Automatic self-diagnosis and alarm function</li> </ul>	