

Hematology Analyzers

Overview



TECHNOLOGY							
Direct Current Impedance method with hydrodynamic focusing	WBC	●	●	●			
	3-part differential	●	●	●			
	RBC	●	●	●	●	●	●
	PLT	●	●	●	●	●	●
Fluorescent Flow Cytometry	WBC				●	●	●
	6-part differential (IG #,%)				●	●	●
Cyanide-free SLS method	Hemoglobin	●	●	●	●	●	●
RBC pulse height detection	HCT	●	●	●	●	●	●
Linearity		WBC: 1.0 – 99.0 X 10 ³ /μL RBC: 0.3 – 7.0 X 10 ⁶ /μL PLT: 10 – 999.9 X 10 ³ /μL			WBC: 0.00 – 440.00 X 10 ³ /μL RBC: 0.00 – 8.60 X 10 ⁶ /μL PLT: 0 – 5,000 X 10 ³ /μL		
SAMPLES							
Aspiration Volume	Open mode	15 μL	50 μL	16 μL	25 μL	25 μL	25 μL
	Close mode (cap piercing)	15 μL				25 μL	25 μL
Throughput (samples / hr)	Maximum	25	60	70	60	60	60
Capacity	Autoloader						20 continuous load
OTHER							
Decision Rules	Onboard			Action Message	Action Message	Action Message	Automatic Rerun/Reflex
Interface		uni-directional	uni-directional	bi-directional	bi-directional	bi-directional	bi-directional
Remote Monitoring	SNCS™ (Sysmex Network Communications System)		Included	Included	Included	Included	Included
BeyondCare™ Quality Monitor	Real-time peer group comparison and monitoring of QC			●	●	●	●
Continuous Calibration Verification	Calibration status is confirmed every time controls are analyzed, eliminating the need for a time-based 6-month calibration verification			●	●	●	●
Training	E-learning	●	●	●	●	●	●
	Virtual Instructor-Led Training (VILT)				●	●	●
Printers		Internal Thermal Printer		External Printer Included			

Reagents and Controls

	Order Number	Format	Storage Temp	Open Stability Days						
					Reagents					
CELLPACK™ DCL	DCL-300A	20 L	2-35°C	60				●	●	●
	DCL-310A	10 L	2-35°C	60				●	●	●
SULFOLYSER™	BJ350971	2 X 1.5 L	1-30°C	60						●
	SLS-210A	3 X 500mL	15-25°C	60				●	●	
Lysercell™ WDF	ZA900001	5 L	2-35°C	90						●
	AZ124801	2L	2-35°C	90				●	●	
Fluorocell™ WDF	CV377552	2 X 42 mL	2-35°C	90						●
	BC843604	2 X 22 mL	2-35°C	90				●	●	
CELLCLEAN™ AUTO	CF579595	20 X 4 mL	1-30°C	N/A				●	●	●
pocH-pack™ D	PPD-300A	2 X 2L	15-25°C	60	●					
pocH-pack™ L	PPL-200A	2 X 250mL	15-25°C	90	●					
STROMATOLYSER™-VH	SWH-200A	3 X 500mL	15-25°C	90		●	●			
CELLPACK™	PK-30L	20L	15-25°C	60		●	●			
	CPK-310A	10L	15-25°C	60		●	●			
CONTROLS AND CALIBRATOR										
XN-L CHECK™	213569	4 x 3.0 mL - 3 Levels	2-8°C	14				●	●	●
XN CHECK™	213499	4 x 3.0 mL - 3 Levels	2-8°C	7				●	●	●
EIGHTCHECK™ - 3WP X-TRA	140-3004-0	4 x 2.0mL - 3 Levels	2-8° C	14	●	●	●			

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