





A HEMATOLOGY INSTRUMENT THAT'S QUICK AND EFFICIENT

As a laboratory professional in a small hospital or clinic laboratory, your need for greater efficiency and productivity—done quickly under tighter space limitations—is more important than ever.

CELL-DYN Emerald provides you with proven methods and technology, including electronic impedance, absorption spectrophotometry, electronic valves, cyanide-free lyse reagent, LCD color touch screen and USB ports.

For *in vitro* diagnostic use only.

System Specifications

SPECIFICATIONS	DESCRIPTIONS
Technology & Methods	 Electronic impedance Absorption spectrophotometry Electronic valves • Cyanide-free lyse reagent LCD color touch screen RS232 and TCP/IP LIS interface USB ports
Throughput	Up to 57 samples per hour
Sample Size	~9.8 µL
Specimen Data Management	 Search by date or sequence number Flagging for patient limit sets Flagging for panic values 1,500 records with histograms on internal memory Up to 300,000 records on external USB thumb drive Customizable patient limits Customizable report units (US, SI, SI MOD) Barcode reader (reads code 128, code 39, interleaved 2 of 5, and others listed in the Operator's Manual)
Quality Control	 6 control files 100 runs per file Levey-Jennings graphs Upload/download control information eQC online peer review program

REQUEST DEMO

PRODUCT TRAINING

	Patient name	
	 CBC with 3-part differential 	
	 Flagging and Alerts 	
	• Operator-defined patient limits for high and panic values	
	 System-defined limits for reportable range and analytical 	
	measurement rangeSuspect parameter flags caused by interfering substances	
Dispersional Data Alert	or sample abnormalities	
	 Suspect parameter flags generated when WBC data 	
	indicates possible presence of an abnormal population	
Standards & Safety Compliance	• IEC 61010-1	
	 CAN/CSA-C22.2 No. 61010-1 	
	• IEC 61010-1	
	• IEC-61010-2-101	
	• IEC 61326-1	
	• IEC 61326-2-6	
	• CE Mark	
Peripheral Devices	 Inkjet or laser printer 	
	USB Thumb Drive	
	 Handheld barcode scanner 	
	• Height - 13.8 inches (35 cm)	
	• Width - 9.8 inches (25 cm)	
Physical Dimensions	• Depth - 13.8 inches (35 cm)	
	 Weight - 19.8 lbs. (9 kg) (without on-board reagents) 	

Parameters

WHITE CELLS	RED CELLS	PLATELETS
WBC	RBC	PLT
LYM #	HGB	MPV
LYM %	НСТ	
MID #	MCV	
MID %	МСН	
GRAN #	МСНС	
GRAN %	RDW	

Reagents

REAGENT DESCRIPTIONS	SIZE AND LIST NUMBER
CELL-DYN Emerald CN-Free Lyse Reagent	960 mL (List No. 09H47-02)
CELL-DYN Emerald Diluent Reagent	10 L (List No. 09H48-02)
CELL-DYN Emerald Cleaner Reagent	960 mL (List No. 09H46-02)

Controls & Calibrators



REFER TO THE OPERATIONS MANUAL OR USER GUIDE FOR WARNINGS, PRECAUTIONS AND LIMITATIONS FOR PROPER USE OF THE INSTRUMENT.

 CONTACT & SUPPORT

 HELPING YOU ACHIEVE SUCCESS

 We are dedicated to helping you achieve fast, accurate, and cost effective hematology testing.

 REQUEST A QUOTE
 CUSTOMER PORTAL LOGIN



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All ARCHITECT analyzers, Alinity hq, CELL-DYN Ruby, CELL-DYN Sapphire and CELL-DYN Emerald 22 AL instruments are Class I laser products. ACCELERATOR APS and ACCELERATOR a3600 are Class II laser products.

The Alinity, ARCHITECT, ACCELERATOR and CELL-DYN systems are intended for performing in vitro diagnostic assays on samples of human origin (blood, urine). Read the instructions in the system manuals and labeling and/or reagent instructions carefully. Manufacturer or Authorized Representative: Abbott Germany.

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