

DxH 500 HEMATOLOGY ANALYZER*

DESIGNED WITH SIMPLICITY IN MIND

The simple-to-operate DxH 500 has the smallest footprint of any 5-part differential analyzer on the market and requires only 12 μ L of sample. Designed to maximize the workflow of low- and mid-volume laboratories, the DxH 500 provides a space-saving, easy-to-use, and cost effective solution for routine hematology testing delivering 21 IVD parameters on 60 samples per hour.



SYSTEM OVERVIEW >

- › **Simple design:** High reliability and low maintenance requirements allow laboratory personnel to focus on providing clinicians with timely, trusted results.
- › **Simple reagent management:** Three bar-coded reagents and automatic software tracking enhance consumables management.
- › **Simple workflow:** A color touchscreen with intuitive icons and on-screen keyboard streamline training and operation.



Mode of Operation	Open vial sampling			
Throughput	60 samples per hour			
Menu/Test Parameters	WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, LY%, LY#, MO%, MO#, NE%, NE#, EO%, EO#, BA%, BA#			
Sample Volume	12 µL of venous or micro-collected whole blood 20 µL of whole blood for pre-dilute analysis			
User Interface	Touch screen Handheld barcode reader			
Power Requirements	100 – 240 VAC 50/60 Hz Single phase with ground			
Power Consumption	Less than 120W			
Noise Specifications	Less than 60 dBA			
Atmospheric Pressure	700 – 1,060 mbar			
Operational Ambient Temperature	18 – 32°C (64.4 – 89.6°F)			
Humidity	80% relative humidity (non-condensing) at 32° C (89.6° F)			
Altitude	Up to 3,000 meters (9,842.5 feet)			
Reagents	DxH 500 Lyse	500 mL		
	DxH 500 Cleaner	500 mL		
	DxH 500 Diluent	10 L		
External Storage – USB	USB 2.0 compatible			
LIS	Supports Serial (RS-232) and Ethernet communication			
Printer	Optional USB PCL 6-compatible printer			
Data Storage	30,000 patient results including graphics, flags, codes, and messages 12 control files, each with a maximum of 100 runs			
Languages	Czech, English, French, German, Italian, Japanese, Polish, Portuguese, Slovakian, Spanish			
Weight and Dimensions	Depth	Width	Height	Weight
	430 mm (17 inches)	270 mm (11 inches)	406 mm (16 inches)	11.4 Kg (25.1 lbs.)

*Under development. Not available for sale or use.

