XQ-320™

Automated Hematology Analyzer

Brief Product Description	The Sysmex XQ-320 Automated Hematology Analyzer allows low-volume labs and hospitals to deliver high-quality results with a shorter turnaround time.
Productivity	• Space-conscious design with a small footprint • Results available in less than one minute • Fully automated and standardized measurement • Quick shutdown and automatic wakeup function • Minimal weekly maintenance
Features	• Seventeen parameters, including a 3-part differential and absolute neutrophil count • Optional manual discrimination within histograms for challenging samples • Sample Flags provide in-depth information on potentially abnormal samples • Very low aspiration volume of 16 µL
Regulatory Compliance	• Customizable QC lockout and alerts prevent results from being released when QC is unacceptable • Reagent lot numbers available for each sample measurement for full traceability
Quality Control	• Onboard QC Charts: Levey-Jennings; X-barM • EIGHTCHECK™-3WP X-TRA: tri-level QC product for all parameters • BeyondCare℠ Quality Monitor provides real-time peer group comparison and continuous calibration verification
Diagnostic Parameters	WBC, RBC, HGB, HCT, MCV, MCH, MCHC, PLT, RDW-SD, RDW-CV, MPV, NEUT#, LYMPH#, MXD#, NEUT%, LYMPH%, MXD%
Analysis Modes	• Whole blood (WB) mode • Pre-dilution (PD) mode
Aspiration Volumes	• Whole Blood Mode: 16µL • Pre-dilute Mode: 65µL (20µL blood required)
Technologies	WBC: Direct current method RBC/PLT: Direct current method HGB: Non-cyanide HGB analysis method
Throughput	• Whole blood mode: Approx. 70 samples/hour • Pre-dilution mode: Approx. 60 samples/hour

Together for a better healthcare journey

Data Storage	• Stored samples: 500,000 entries • Patient information: 10,000 entries • Ward name: 200 entries • Doctor name: 200 entries • Calibration history: 20 entries • QC file: 99 files (300 plots/file) • Reagent replacement log: 5,000 entries • Maintenance log: 5,000 entries • User accounts: 500 entries
Dimensions and Weight	14 inches (W) x 17.5 inches (D) x 17 inches (H); 48.5 lbs
Interface	1 Serial Port, 2 LAN Ports, 5 USB Ports
Operating System	Embedded Microsoft® Windows 10 with McAfee Security
Ambient Temperature (Analysis)	15 °C TO 30 °C
Operating Humidity	20% to 85%
Power Supply	AC 100 to 240 V (50/60 Hz)
Power Consumption	160 VA or less