XN-L™ AUTOMATED HEMATOLOGY ANALYZERS

The Intelligent, Affordable Choice for Your Lab

The introduction of the XN-Series hematology analyzers has helped Sysmex become the market leader in CBC testing performed by large and mid-volume labs. Now XN-L brings the same clinical and operational values to lower volume labs.

Sysmex XN-L Automated hematology Analyzers offer expanded clinical value

• XN-L
Provides a 6-part differential, including Immature Granulocytes (IG), on every sample aiding in the assessment of sepsis and other hematological disorders.

• L-WBC (Low WBC Mode)
Improves reliability of analysis. *(Optional)*

• RET
For enumerated retics and anemia management offering, Immature Retic Fraction (IRF), and Reticulocyte Hemoglobin (Ret-He). *(Optional)*

• XN-BF (Body Fluid)
Provides the ability to directly measure body fluids. *(Optional)*

• On-board Rules on all models
On the XN-550, in addition, provides efficient auto-repeat, rerun or reflex based on your own criteria.

• XN-L Hematology Analyzers
Feature a small and compact footprint.

• Standardization
XN-L can provide standardized testing from Core Lab to satellite labs, and affiliated clinics and private clinical laboratories

XN-550

• Automated Sample Loader

• Intelligent, Integrated Rack Sampling

• Automatic Rerun & Reflex functionally

• BD Microtainer® MAP Tube compatible

XN-450

• Closed Mode Sampler

• Integrated IPU with LCD color touchscreen

• Intuitive XN Software

XN-350

• Open Tube Sampling

• Integrated IPU with LCD color touchscreen

• Intuitive XN Software

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KEY SPECIFICATIONS

XN-DIFF	L-WBC	RET	XN-BF
IG		RET-He	DIFF

Models	XN-350, XN-450, XN-550
Analysis parameters Whole Blood	WBC, RBC, HGB, HCT, MCV, MCH, MCHC, PLT, RDW-SD, RDW-CV, MPV, NEUT#, LYMPH#, MONO#, EO#, BASO#, IG#, NEUT%, LYMPH%, MONO%, EO%, BAS0%, IG%
RET (optional license available)	RET#; RET%, IRF; RET-He
Body Fluids: XN-BF (optional license available)	Sample Types: CSF, Synovial, Serous WBC-BF, RBC-BF, MN#, PMN#, MN%, PMN%, TC-BF#

Measurement principles		
	WBC DIFF/RET:	Fluorescent Flow Cytometry
	WBC:	Flow Cytometry
	RBC/PLT:	DC Impedance method with hydrodynamic focusing
	HGB:	Cyanide-free SLS method

Throughput	up to 60 samples/hour in whole blood (WB) mode up to 70 samples/hour in whole blood (WB mode (Optional on XN-550)
Aspiration volume	25 µL in whole blood (WB) mode, 70µL in pre-dilute (PD) and body fluid (BF) mode
Data storage capacities	Results: 100,000 samples

Quality Control		
	XN-L Check™ or XN Check™:	Complete tri-level QC product for CBC, DIFF and RET parameters
	XN Check™ BF:	Bi-level QC product for Body Fluid Channel
	QC files:	99 files including 3 XbarM files

User maintenance	Daily shutdown Cleaning sequence with CELLCLEAN™ Auto
Dimensions /weights W x H x D [inches/pounds]	XN-350: 17.7" X 18.3" X 20.3"/approx. 77.2 lbs. XN-450: 17.7" X 17.3" X 18.1"/approx. 77.2 lbs. XN-550: 17.7" X 17.7" X 26.0"/116.8 lbs. XN-550 Monitor: 10.5" X 8.25" X 9.5" (2.25" T)