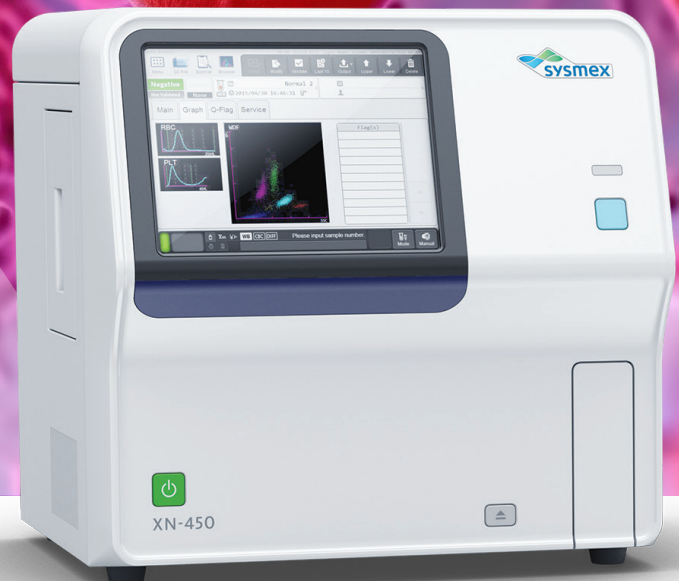


The Intelligent, Affordable Choice for Your Lab

XN-L™ Series Automated Hematology Analyzers

XN-350, XN-450, XN-550



Together for a better
healthcare journey

XN-L Series Analyzers

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

Sysmex XN-L automated hematology analyzers offer expanded clinical value

- Using fluorescent flow cytometry and advanced algorithms, the XN-L generates an automated 6-part differential which includes Immature Granulocyte (IG) enumeration. The IG count reflects metamyelocytes, myelocytes and promyelocytes in the sample, requires no additional preparation or reagents and may help reduce the number of manual differentials being performed in your lab.
- The available Low WBC mode extends the WBC and differential counting time, providing accurate and reproducible results that may lead to increased workflow efficiency.



XN-350™

- Open tube sampling
- Integrated IPU with LCD color touchscreen
- Intuitive XN software



XN-450™

- Closed tube sampling
- Integrated IPU with LCD color touchscreen
- Intuitive XN software



XN-550™

- Automated sample loader
- Intelligent, integrated rack sampling
- Automatic rerun & reflex functionality



Benefits at a glance

- Flexible - XN-L analyzers are compatible with standard and BD Microtainer® MAP tubes
- Compact - XN-L analyzers have a small footprint to fit any lab.
- Standardization - Using the same technology, reagents and controls as the XN-Series, the XN-L analyzers ensure standardized CBC results across your network, regardless of lab size or workflow.
- Low WBC mode - Improves reliability of results, even in leukopenic patients.
- Reticulocyte License (RET) - *optional* – Utilizing fluorescent flow cytometry, the reticulocyte analysis channel provides retic counts, an immature reticulocyte fraction (IRF) and reticulocyte hemoglobin equivalent (RET-He) to add clinically significant data to the diagnostic profile.
- Body Fluid License (XN-BF) - *optional* - The optional Body Fluid Mode allows labs to standardize cell counts on many common body fluids. Automated WBC, RBC and total nucleated cell counts and a reportable 2-part differential provide efficiency and accuracy for body fluid samples.
- Onboard Rules – Customizable onboard rules provide guidance for handling abnormal or flagged samples per your lab's SOPs. Automated rerun and reflex testing are available only on the XN-550 analyzer.

BeyondCareSM Quality Monitor for Hematology (BCQM^h)

An innovative, web-based quality control and calibration management program.

Sysmex BeyondCareSM

At Sysmex, we know your analyzer purchase is part of an investment in your future. We have designed a rich and comprehensive set of services to help maximize your investment and to optimize your laboratory performance.

Sysmex offers services that help minimize downtime and enhance productivity:

- Industry-leading customer support and award-winning service and reliability make us a healthcare partner you can count on.
- Remote monitoring and diagnostics to maximize analyzer availability.
- BeyondCareSM Quality Monitor for Hematology (BCQM^h) – BeyondCare Quality Monitor provides real-time peer group comparisons and continuous calibration verification to take the guesswork out of quality assurance. Onboard QC troubleshooting assistance keeps downtime to a minimum.

Training & Education

Sysmex's Center for Learning has put together a curriculum of classes and learning resources to support the training and education of your staff, providing unlimited access to:

- high-definition virtual instructor-led training (VILT) classes streamed live to your lab.
- online, self-paced e-learning courses that are available 24/7.
- webinars covering current technical, managerial and scientific laboratory topics.

Key specifications

Models	XN-350, XN-450, XN-550
Principles and Technology	WBC DIFF/RET: Fluorescent Flow Cytometry RBC/PLT: DC Impedance method with hydrodynamic focusing HGB: Cyanide-free SLS method
Channels	<div><div>XN-CBC</div><div>XN-DIFF IG</div><div>PD PRE-DILUTE</div><div>L-WBC</div><div>RET RET-Hc</div><div>XN-BF DIFF</div></div> <div>(Optional) (Optional)</div>
Parameters	WBC, RBC, HGB, HCT, MCV, MCH, MCHC, PLT, RDW-SD, RDW-CV, MPV, NEUT#, NEUT%; IG#, IG%; LYMPH#, LYMPH%; MONO#, MONO%; EO#, EO%; BASO#, BASO% Retic Parameters with Optional License: RET#, RET%, IRF; RET-He Body Fluid Parameters with Optional License: TC-BF, WBC-BF, RBC-BF PMN #, PMN%, MN #, MN%
Linearity	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
Throughput	Up to 60 samples/hour in whole blood (WB) modes
Aspiration Volume	25 μL in whole blood (WB) mode, 70 μL in pre-dilute (PD) and body fluid (BF) modes
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 Weekly cleaning sequence with CELLCLEAN™ AUTO
Dimensions /weights	XN-350: 17.7" X 18.3" X 20.3"/approx. 77.2 lbs.
W x H x D [inches/pounds]	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" thick)

System Corporation

1-5-1-Wakinohama-Kaigandori Chuo-ku, Kobe 651-0073, Japan · Phone +81 78 265-0521 · www.sysmex.co.jp

System America, Inc.

577 Aptakisic Road, Lincolnshire, IL 60069, U.S.A. · Phone +1 800 379-7639 · www.sysmex.com/us

System Canada, Inc.

5700 Explorer Drive Suite 200, Mississauga, ON L4W0C6 Canada · Phone +1 905 366-7900 · www.sysmex.ca

System Latin America and the Caribbean

Rua Joaquim Nabuco 615 - Bairro Cidade Jardim, São José dos Pinhais Paraná - Brasil - CEP 83040-210 · Phone +55 41 2104-1314 · www.sysmex.com.br