BEYOND A BETTER BOX™

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**

- LOW WBC application (Standard) improves reliability of analysis
- XN-L provides a 6 part differential (including Immature Granulocytes) on every sample, aiding in the assessment of sepsis and other hematological disorders
Benefits At A Glance

- 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 POLs.
- L-WBC (Low WBC Mode) – Standard – Improves reliability of analysis
- RET – for enumerated retics and anemia management offering, Immature Retic Fraction (IRF), and Reticulocyte Hemoglobin (RET-Hε)
- XN-BF – (Body Fluid) provides the ability to directly measure body fluids.
- Onboard Rules – provide efficient Repeat, Rerun, Reflex based on your own criteria.

BeyondCare® Quality Monitor included with XN-L Series

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

XN-350
- Open Tube Sampling
- Integrated IPU with LCD color touchscreen
- Intuitive XN Software

XN-450
- Closed Mode Sampler
- Integrated IPU with LCD color touchscreen
- Intuitive XN Software

XN-550
- Automated Sample Loader
- Intelligent, Integrated Rack Sampling
- Automatic Rerun & Reflex functionality
- BD Microtainer® MAP Tube compatible

Microtainer® is a trademark of Becton, Dickinson and Company.
Standardization

XN-L has similar functionality to the XN-Series. Common reagents and controls allow standardized testing from high volume core labs to affiliated clinics and POLs.

Sysmex BeyondCare℠

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
- 24 hour telephone response through our Technical Assistance Center (TAC)
- Highly-rated Service Engineers
- Remote Monitoring
- *Insight℠* Quality Assurance Program
- BeyondCare℠ Quality Monitor
  - Managed QC
  - Continuous Calibration Verification

Continuum of Education

Sysmex offers you a choice of proven methods to educate your staff and maintain competency. Our Continuum of Education sets the benchmark through:

- Self-guided e-learning-accessible anytime, anywhere
- Virtual Instructor-Led Training (VILT) designed for small groups
- Webinars covering current technical, managerial and scientific laboratory topics
KEY SPECIFICATIONS

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%, BASO%, 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
- RBC/PLT: DC Impedance method with hydrodynamic focusing
- HGB: Cyanide-free SLS method

Throughput
- Up to 60 samples/hour in whole blood (WB) mode

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
- 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” thick)
BEYOND A BETTER BOX™

Sysmex has a decades-long legacy of developing better analyzers. Today, we’ve moved well beyond “building better boxes” to create a more holistic, intuitive ecosystem that improves lab operations, promotes better care and enhances patient management practices.

Go Beyond a Better Box™ at WWW.SYSMEX.COM/BEYOND to see how Sysmex improves hematology and your entire lab.