XN-SERIES™ AUTOMATED HEMATOLOGY SYSTEMS

Reshaping Compact Automation

BEYOND A BETTER BOX™
MOVE YOUR HEMATOLOGY LABORATORY

BEYOND A BETTER BOX

It's what makes Sysmex the smarter choice and sets our integrated diagnostics solution apart from every other brand on the market. Even while today's analyzers accomplish more and more of the routine diagnostics, the role and the needs of the hematology technologist continue to evolve and expand. At Sysmex, we have considered every aspect of your experience and created a holistic, intuitive ecosystem that helps improve lab operations and promote better health care and patient management practices.
BeyondCare from Sysmex changes the definition of service for today’s advanced hematology laboratories. Unlike other programs in the market that are directed at getting your system back up after it breaks down, BeyondCare is strategically focused on preventing problems before they ever occur. It is a truly holistic approach to maximizing system performance designed to bring new levels of insight, efficiency and agility to your lab. This includes Comprehensive Continuing Education, Evidence-based Managed Calibration and Insight IQAP. Make sure to ask your Sysmex representative about these programs for your XN-Series Analyzer.

**NEXT GENERATION DIAGNOSTICS**
Advanced clinical parameters:
- Leukopoietic indicators—Immature granulocytes with every differential
- Erythropoietic indicators—Nucleated RBC with every CBC, reticulocyte hemoglobin (Ret-He) and immature reticulocyte fraction (IRF)
- Thrombopoietic indicators—Immature platelet fraction (IPF) and a fluorescent platelet count (PLT-F) designed for very low platelet counts

**ADVANCED TOOLS AND TECHNOLOGIES**
Productivity and efficiency enhancements that are supported by:
- Auto-validation
- Automatic workload balancing
- Rerun/reflex testing
- Reflexive slide preparation

**PROCESS OPTIMIZATION**
- Remarkably smaller footprint to optimize increasingly precious laboratory space

**HARMONIZED SUPPORT**
- Workflow assessment and optimization
- Comprehensive continuing education
- *Insight™* IQAP
- BEYONDCARE™

**ADVANCED TOOLS & TECHNOLOGIES**
SMALL, SMART, COMPACT AUTOMATION

It’s an approach to hematology testing that’s never been done before. An approach that gives all laboratories the capability to build a high-performance lab, including all of Sysmex’s advanced parameters, regardless of test volume or laboratory location.

- High-performance design
- Advanced clinical utility
- Standardization
- Optimized efficiency of workflow, staffing and space
- Access to the most advanced technologies, with remarkably smaller footprints

COMPONENTS:

- Two XN-10 Analyzers
- Smart Sampler - rerun/reflex testing
- SP-50 Slidemaker/Stainer

THROUGHPUT:

- Up to 200 CBCs / hour
- Up to 75 Smears / hour

* All dimensions noted are approximate.
OUR SPECIFICATIONS

Reportable parameters by channel

- WBC, RBC, HGB, HCT, MCV, MCH, MCHC, PLT (PLT-I), NRBC%, NRBC#, RDW-SD, RDW-CV, MPV
- NEUT%, LYMPH%, MONO%, EO%, BASO%, IG%, NEUT#, LYMPH#, MONO#, EO#, BASO#, IG#
- WBC-BF, RBC-BF, MN%, MN#, PMN%, PMN#, TC-BF# (Body Fluids, B License)
- PLT (PLT-F), IPF (Platelets, P License)
- RET%, RET#, IRF, RET-H (Reticulocytes, R License)

Throughput

- Up to 100 / hour / analyzer module

Quality control

- XN CHECK and XN CHECK BF for simple QC, through the Sysmex Insight IQAP
- XN CHECK
  - One material for QC of all Whole Blood Parameters
  - Complete tri-level QC product for all CBC, Diff, PLT and Reticulocyte parameters
- XN CHECK BF
  - One material for QC of all Body Fluid parameters
  - Complete bi-level QC product for all TNC, WBC, RBC and reportable 2-part Diff parameters

IPU decision rules environment:

- Pre-loaded template within the XN-Series IPU (PC)
- Customer editable/adjustable
- Easily enabled/disabled

STREAMLINED REAGENT MANAGEMENT

- Smaller, lighter reagent containers:
  - Color-coding from container to software reagent screen increases operator ease and convenience
  - Designed to fit perfectly within the XN-Series system wagons
- RFID (Radio Frequency ID) tags
  - For hands-free information management of cartridge reagents
- Concentrated Reagent Delivery System*:
  - Dilutes concentrated diluent (CELLPACK™ DST) to create ready-to-use CELLPACK DCL
  - Fewer reagent changes provide greater instrument availability and improved workflow.

* Recommended minimum workload is 55 samples per day when using the 2 x 4L packaging. 200+ samples per day when using the 20L packaging.
SPEAK VOLUMES...

Tabletop Configurations

XN-1000
Dimensions - 25.4" w x 33.7" h x 29.7" d*

Components:
• One XN-10 Analyzer
• Smart Sampler - rerun/reflex testing

Throughput:
• Up to 100 CBCs / hour

XN-2000
Dimensions - 41.5" w x 33.7" h x 29.7" d*

Components:
• Two XN-10 Analyzers
• Smart Sampler - rerun/reflex testing

Throughput:
• Up to 200 CBCs / hour

Standard Components with every system

• Smart Sampler - for automated rerun/reflex testing
• Onboard decision rules
• XN-10 analyzer (cell counter) modules
• Body fluid mode
• PLT-F (fluorescent platelet) discrete testing channel
• Reticulocyte channel
• Network printer
• Status alert light - on XN-3100 only

Optional components:

• Wagons (cabinets)
• Sysmex WAM middleware
• RU-20 Reagent Delivery System
• Cell Image Analyzer (DI-60) available on XN-3100 only

The cell image analyzer can be interfaced directly to the laboratory information system (LIS) or to the Sysmex WAM.
Decision support software for the clinical laboratory provides scalable informatics and work area management for enhanced sample and data process management. It is a comprehensive hematology information management system featuring auto-validation, single interface to LIS, and a complex rules engine based on patient demographics, patient location, physician, patient identifiers, specimen age and extended delta-checking. It provides comprehensive management reports, and it can be used in multi-site, multi-LIS environments for paperless data process integration. It can also be part of our Lavender Top Management configurations.
Sysmex truly understands the complex challenges hematologists are facing and will face in the future—and we will always be creating the means to solve them. Our Sysmex® XN-Series Automated Hematology Systems are a giant step forward with automation that maximizes your laboratory’s capacity and productivity.

We work hard to ensure that Sysmex customers enjoy the greatest possible return on their investment. From implementation and training to ongoing maintenance and support, every step of our process has been engineered to reduce your operating costs, improve laboratory efficiencies and, above all, improve the lives of your patients.

To learn more about how we can help your laboratory move to the next level with Sysmex® XN-Series Automated Hematology Systems, visit sysmex.com/us or call us at (800) 379-7639.
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.