BEGINS WITH SYSMEX

The Global Leader in Automated Hematology Diagnostics
With Sysmex as your partner, there’s a commitment to innovation that impacts all aspects of managing your laboratory – clinical, operational and financial.
As the healthcare industry evolves, laboratory facilities are under constant pressure to find new ways to improve operational efficiencies without sacrificing accuracy, turnaround time or patient care.

When it comes to advancing the hematology diagnostic environment, we have always been far ahead of the curve, designing and manufacturing an array of innovative analyzers that have raised the bar on quality, accuracy and dependability for your sized laboratory.

But better analyzers are only the beginning of the Sysmex difference.
OUR ANALYZERS HAVE RESHAPED THE FUTURE OF HEMATOLOGY

At Sysmex, we have forever changed the way hematology is performed in the modern clinical laboratory.

We were the first to bring scalable automation with integrated slidemaking/staining to the hematology lab, the first to incorporate diode lasers into the testing process, and the first to successfully utilize fluorescent flow cytometry for more accurate and sensitive counting of nucleated red blood cells.

By designing our solutions specifically around the relationship that today’s operator has with the analyzer, Sysmex solutions intuitively assist in the testing process and accomplish levels of intelligent automation and performance never believed possible.
GREATER ACCURACY AND EFFICIENCY THROUGHOUT THE ENTIRE TESTING CHAIN

Our flagship system, the Sysmex XN-Series, allows you to couple the analysis modules with a variety of samplers and rack management components to meet current and future testing needs of laboratories of any size.
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.
NEXT GENERATION DIAGNOSTICS

We continue to pioneer the next generation of diagnostic performance, constantly building onto the clinical utility of the industry’s leading hematology technology platform to improve accuracy, specificity and overall productivity.

ADVANCED TOOLS AND TECHNOLOGIES

Our suite of advanced tools and powerful software systems is specifically designed to drive greater insight into and control over both your processes and information across the healthcare network.

PROCESS OPTIMIZATION

Our experts help your laboratory move beyond simple process automation to a fully integrated and performance-driven setting that automatically balances work-flow and accomplishes routine tasks.

HARMONIZED SUPPORT

We have also completely re-engineered the concept of support, combining truly personalized service with a revolutionary technology platform that drives continuous improvement in lab performance and patient care.
We continue to advance the clinical efficiency of the hematology laboratory by providing more **rapid, reliable information** for faster treatment decisions.
SETTING THE BAR FOR CLINICAL EXCELLENCE

As one of the pioneers in diagnostic hematology, we continue to invest heavily in its science, dramatically expanding the possibilities of what laboratory diagnostics are able to accomplish within the patient care continuum.

Our mission remains simple: to provide our customers with the most accurate and reliable results the first time a sample is run to eliminate manual reviews and increase the speed to diagnosis.

Today, under that pursuit, many of our customers have been able to achieve auto-validation rates as high as 90%.
Advanced Clinical Parameters

Expanded measures of hematopoiesis to automate and speed the identification of reportable immature cell indices

**Immature Granulocytes (IG)** – to assist the physician in detecting infection/inflammation

**Reticulocyte Hemoglobin (RET-He)** – for early detection of iron deficiency by the physician

**Immature Platelet Fraction (IPF)** – to aid the physician in assessing and monitoring thrombocytopenia
Rerun/Reflex Testing
Automatically generates additional tests based on user-defined rules, reducing manual intervention

Fluorescent Platelet
Additional sensitive methodology to improve PLT count accuracy in the presence of abnormalities

Body Fluid Differentials
Excellent low-end sensitivity minimizes the need for manual counts

SYSMEX PATIENT CARE SPECIALISTS
We maintain a team of clinical experts on staff who become an integral, working part of the customer relationship, providing ongoing clinical expertise and support to your clinicians, the lab and its stakeholders.

Sysmex Patient Care Specialists are uniquely qualified to assist your lab with the promotion, adoption and implementation of advanced clinical parameters while keeping you apprised of the latest clinical and diagnostic developments coming out of Sysmex R&D.
We help laboratories better integrate and utilize information systems to *improve laboratory work-flow and speed to treatment.*
EMPOWERING TODAY’S HIGH PERFORMANCE LAB

Our long history of innovation, however, extends far beyond the core science and testing in ways that have impacted virtually all facets of the hematology landscape, helping our customers do everything in the lab better.

We have built a suite of highly advanced tools and resources that are specifically designed to deliver more business intelligence and a higher level of control than you have ever had, managing these resources – and more – all from the palm of your hand.

From the elevated decision support capabilities of Sysmex WAM™, to pioneering the practical use of evidence-based calibration, no one in the industry continues to do more – and offer more real capabilities – to transform the total hematology environment than Sysmex.
Tools that Move Forward-Thinking Labs Even Further Ahead

Advancements designed to support the long-term success of your lab

Sysmex Managed Calibration Program
Sysmex technical specialists perform routine calibration of your analyzer remotely, reducing non-productive analyzer time by as much as 84% and making sure you’re always in compliance.

Business Intelligence Reporting
Information and insights to help improve decision-making in virtually every area of your lab, from clinical performance and productivity to staffing.
Multi-Site/Multi LIS
Enables standardization of rules and processes across your entire enterprise, making auto-validation possible for all analyzers, whether you’re operating one or 100 locations.

RU-20 Reagent Delivery System
Provides diluent from concentrate, reducing change-outs by as much as 25%. Results in less container lifting for lab staff and frees up valuable storage space.

Dye Cartridge Tags
Faster, more accurate recognition of proper dye cartridges, further decreasing time involved in reagent change-outs.

MY SYSMEX™ TABLET
My Sysmex is our powerful mobile tablet that puts the management of your department and your relationship with Sysmex right into the palm of your hand.

My Sysmex makes it even easier to access and share important information about analyzer performance, work-flow analytics and ongoing educational requirements – throughout your organization.
We help reduce manual work processes and redundant samples while *minimizing the risk of errors.*
TAKING LAB OPERATIONS TO NEW HEIGHTS

At Sysmex, we know that the efficiency and reliability of the hematology laboratory have never been more critical and more challenged.

We also understand that the key to a high efficiency lab is designing an environment that enables you to do more with fewer resources, while not allowing technology to interfere with the overall quality of care.

That means building an intelligent and fluid system that easily recognizes and adapts to your clinical testing and daily workload needs regardless of lab size or work-flow complexities – and gets valuable laboratorians out from under the microscope.
**Automated Slide Preparation and Staining**

Fully automated, integrated slide making produces high quality blood smears with reliable consistency.

**Automated Co-Primary System**

Two analyzers function together on one automated platform. Eliminates the need for a separate back up analyzer. Workload is balanced with hands free rerun/reflex testing.

**EDTA Automated Island/ Lavender Top Management®**

Hands-free management for more than 90 percent of EDTA tubes throughout the entire analytical process, driving greater productivity and overall operational efficiency.
Highest Reliability/Availability

Sysmex has been consistently rated the highest in system reliability for the past 15 years*

Paperless Processing

Easy online look-up of scattergrams and histograms together with test results eliminates the need to print and store graphical reports, saving costs and streamlining work-flow

Standardized Hematology Solutions

Consistent operational analysis and comparable results across your health network

Cell Image Analysis Integration

Complete automation of manual WBC differential processes, integrating CBC analysis, slide preparation, slide staining and digital image preclassification of cells in a complete workcell

SYSMEX WAM™

Sysmex WAM decision support software allows labs to improve efficiency and increase capacity without adding staff, enabling you to seamlessly manage your entire suite of hematology data while increasing auto-validation rates to as high as 90%.

With Sysmex WAM, technologists are freed up to focus on complex and variant results, helping promote higher levels of patient care and safety.

* Source: IMV ServiceTrak™ Hematology
Your Sysmex team is focused on maximizing your productivity, supporting your staff, and helping you plan for the future.
ALWAYS INVESTING IN THE FUTURE OF YOUR LAB

We remain dedicated to helping busy labs manage the growing complexities of today’s advanced hematology environments through an unequaled combination of innovative resources and best-in-class personal service – all designed to continuously improve lab operations and elevate the overall level of patient care.

Every aspect of laboratory support has been integrated into a revolutionary platform that delivers the information technologists and administrators need to make more informed decisions and the level of expert support the industry has come to expect from Sysmex, throughout the entire solution life-cycle.
ONE VOICE. ONE PLATFORM. ONE GOAL.

WITH SYSMEX, YOU HAVE A PARTNER DRIVEN TO KEEP YOUR LAB PERFORMING AT ITS BEST

Evidence-based Maintenance
Strategically aligns maintenance to system use and test volumes rather than calendar-based intervals, ensuring resources are deployed when and where they make the most sense.

Insight™ IQAP
Instantly documents and maintains your history for analyzer peer comparison data, across multiple sites with a single login.
Work-flow Assessment & Optimization
Sysmex Laboratory Solutions Consultants assess your lab processes and lead your team in collaborative solution development for continual performance improvement.

Comprehensive Continuing Education
Powerful options that are tailored to your unique educational and training needs from on-demand learning to virtual classroom instruction – and everything in between.
- Virtual Training with Live Instructors
- Online Training
- In-Person Training
- Webinars
- Regional Symposia
- User Groups

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.
DRIVING VALUE FAR BEYOND YOUR INVESTMENT

At Sysmex, we truly understand the complex challenges hematologists are facing and will face in the future — and we will always be creating the means to solve them.

Analyzers that are a step ahead of our competition. Automation that maximizes your laboratory’s capacity and productivity. Virtual access that brings training and support remotely to you. All managed through powerful IT solutions that work with your systems, to integrate, connect and simplify — even across multiple locations.

We make sure customers get the greatest possible return on their investment. From implementation and training to ongoing maintenance and support, every step of the process has been engineered to reduce your operating costs, improve laboratory results and — above all — enhance lives.

To learn more about how we can help your laboratory, visit sysmex.com/us or call us at (800) 379-7639.