



BEYOND A BETTER BOX™

CHANGE THE WAY YOU PERFORM HEMATOLOGY

XN-1000 R™



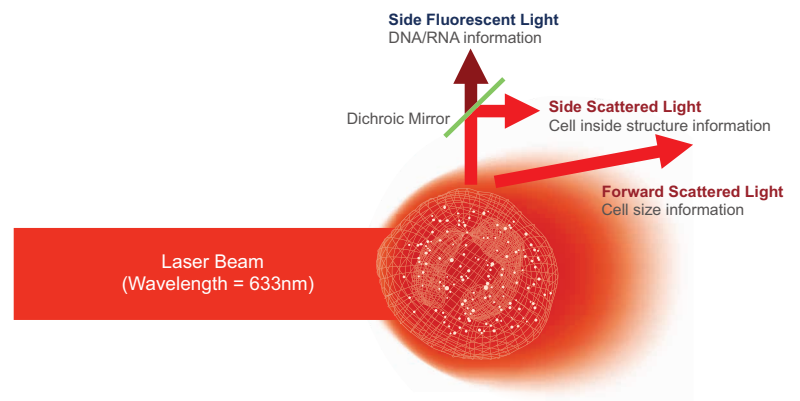
YOU KNOW THAT YOU NEED TO CHANGE. YOU NEED TO KNOW MORE ABOUT SYSMEX.

CELL ANALYSIS IN HEMATOLOGY THAT'S ONE STEP AHEAD

The XN-1000 R is designed to be a step ahead of hematology analyzers of the past and change the way you perform hematology in the modern clinical laboratory. This new, compact system offers proven and innovative flow cytometry, fluorescent technologies that deliver the most comprehensive CBC and differential available.

ADVANCED MEASURES OF HEMATOPOIESIS

- **Leukopoiesis:** Automated immature granulocytes with every WBC differential, and low WBC mode for confidence in even the lowest of WBC counts and differentials
 - Accuracy and precision of low WBC counts with increased reportability of WBC differentials
- **Erythropoiesis:** Nucleated RBCs with every CBC, reticulocyte hemoglobin (RET-Hc) and immature reticulocyte fraction (IRF) with every retic
 - Direct counting and reporting of NRBCs while eliminating the need for WBC count corrections
- Optional body fluid mode, including a 2-part differential



SIMPLE TO OPERATE

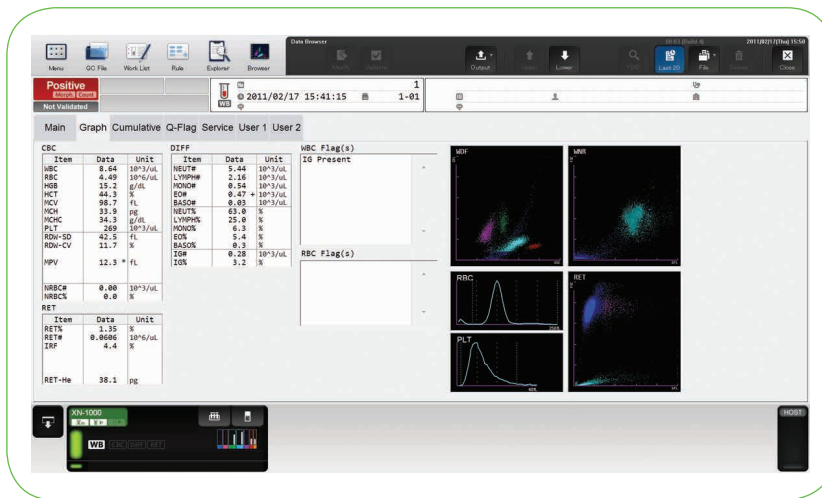
- Touch screen and graphical user interface makes it easy to use
- User-definable decision rules
- Significantly smaller footprint to help optimize increasingly precious laboratory space
- Optional reagent container sizes
- RFID tagged, fluorescent dye cartridges



SYSMEX SERVICES AND THE XN-SERIES

MAXIMIZE YOUR INVESTMENT

*Industry-leading reliability, a cornerstone of
Sysmex-branded products for more than 40 years*



*Sysmex offers you services that
keep your analyzer up and running.*

SERVICES SUCH AS

- Industry-leading customer service*, both on the phone and in the field
- Reagent management systems
- Managed-calibration program
- Remote monitoring
- Quality assurance programs

SPECIFICATIONS

XN-1000 R

XN-1000 BR



Model ID

XN-1000-100-R-01

XN-1000-100-BR-01

Components

XN-10
Sampler
Reticulocyte License (R)
Body Fluid License (B)

1
SA-01
Included
0

1
SA-01
Included
Included

Dimensions

20.5" w x 33.7" h x 27" d

Wagon Kits

Floor-standing wagon option
for reagent storage, management
and increased convenience

XN-1000 Wagon Kit
XN1000-WGSET
(XN-1000 R sold separately)
25.75" w x 28" h x 38" d

Reagent Management

RFID (Radio Frequency ID) tags for hands-free information management of cartridge reagents



XN-1000 R with Wagon Kit



XN-CBC

NRBC

NRBC

XN-CBC



RET

RET-He

RET-He

RET



XN-DIFF

IG

IG

XN-DIFF



XN-BF

DIFF

DIFF

XN-BF

SPECIFICATIONS

Principles & Technologies

Fluorescent Flow Cytometry:
WBC Diff and IG, NRBC, RET, IRF
DC Sheath Flow:
PLT-I, RBC, HCT
Cyanide-free SLS Method:
HGB

Whole Blood Reportable Parameters

WBC	NEUT#, %	NRBC#, %
RBC	IG#, %	RET#, %
HGB	LYMPH#, %	IRF
HCT	MONO#, %	RET-He
MCV	EO#, %	
MCH	BASO#, %	
MCHC	RDW-SD	
PLT	RDW-CV	
MPV		

Body Fluid Analysis

(Optional license)

Sample Type: CSF, Synovial, Pleural, Peritoneal
Reportable Parameters: RBC-BF, WBC-BF; MN#, %; PMN#, %; TC-BF#

Linearity

WBC: 0.00 – 440.00 X 10³/μL
RBC: 0.00 – 8.60 X 10⁶/μL
PLT: 0 – 5,000 X 10³/μL
WBC-BF: 0.000 – 10.000 X 10³/μL
RBC-BF: 0.000 – 5.000 X 10⁶/μL

Throughput

Whole Blood: 100 samples/hour (max.) per module
Body Fluid Mode: 40 samples/hour (max.) per module

Sample Volumes

Whole Blood: 88 μL
Pre-dilute Mode: 70 μL
Body Fluid Mode: 88 μL

Quality Control

XN CHECK®: complete tri-level QC product for all CBC, Diff, PLT, and RET parameters
XN CHECK® BF: bi-level QC product for Body Fluid channel
Comprehensive QC files including current and new lot feature
99 Total files including 5 XbarM files
Insight™ online quality assurance program



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.

Sysmex Corporation

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

Sysmex America, Inc.

577 Aptakistic Road
Lincolnshire, IL 60069, U.S.A.
Tel. +1 (800) 379-7639
www.sysmex.com/us

Sysmex Canada, Inc.

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

Sysmex Latin America and the Caribbean

Rua Joaquim Nabuco 615 -
Bairro Cidade Jardim
São José dos Pinhais
Paraná - Brasil - CEP 83040-210
Tel. +55 (41) 2104-1314
www.sysmex.com/la

