



BEYOND A BETTER BOX™

XS-1000i™ AUTOMATED HEMATOLOGY ANALYZER

Small Footprint. Big Difference.



SMALL BUT POWERFUL: THE XS-1000i



Today's Laboratory Challenges

Laboratories have continued to face a number of challenges for several years. These include clinical, operational and financial issues such as:

- Demand for clinically relevant information
- Medical technologist labor shortage
- Increased workload
- Need for faster turnaround time
- Requirement for high reliability
- Limited laboratory budgets

Laboratories are searching for a hematology analyzer that can improve productivity and efficiency while providing enhanced clinical information.

Easy-to-Use

- Intuitive software menus
- Barcoded reagent management
- Comprehensive QC information
- On-board help key for troubleshooting

Reliable Performance

- Sysmex ranked by independent third party as highest vendor reliability for 16 consecutive years (2015 IMV ServiceTrak™)
- SNCST™, (Sysmex Network Communications System) remote monitoring, to provide maximum uptime

Streamlined Workflow

- Simplicity in operation; Windows® driven software
- True walk-away analytical process with closed tube auto sampling
- Push button, walk-away daily maintenance
- Can be used in conjunction with Sysmex WAM™ Decision Support Software for the Clinical Laboratory

Accurate and Efficient

- Proven technologies
- Linearity to support clinical diagnostics and patient monitoring
- Sensitive flagging to support diagnosis by the physician

Compact

- Small footprint, requires only four feet of bench space
- Fits easily on a laboratory bench or table
- Modular unit



XS-1000i with Autoloader

XS-1000i SPECIFICATIONS

Principles & Technologies

Fluorescent Flow Cytometry:
 WBC-Diff
 Direct Current – Sheath Flow:
 RBC, HCT, PLT
 Non-cyanide, Sodium Lauryl Sulfate (SLS):
 HGB

21 Whole Blood Reportable Parameters

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

Linearity in Whole Blood Mode

WBC: 0 – 400.00 x 10³/μL
 RBC: 0 – 8.00 x 10⁶/μL
 HGB: 0 – 25.0 g/dL
 HCT%: 0 – 60.0%
 PLT: 0 – 5,000 x 10³/μL

Throughput

Single Sample Mode: 60 samples/hour (max.)
 Auto Sampler Mode: 53 samples/hour (max.)

Sample Volumes

Open/Closed mode: 20 μL
 Pre-dilute mode: 20 μL Sample + 120 μL CELLPACK
 (1:7 dilution)

Data Storage (IPU: Information Processing Unit)

10,000 samples including histograms

Quality Control (Total QC Management)

Common Quality Control material to
 XE and XT-Series analyzers
 Comprehensive QC files
 Levey-Jennings Control Charts
 XbarM file
Insight™ Online Quality Assurance Program

Interfaces

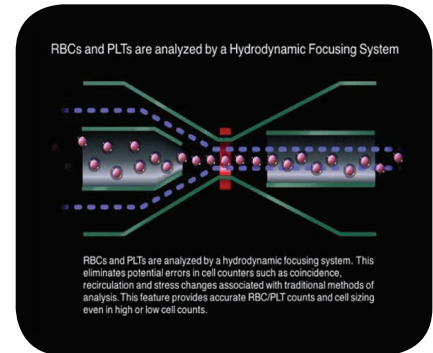
ASTM
 Sysmex WAM™ (HL7 & ASTM)

Dimensions/Weight w x h x d [in] / [lbs]

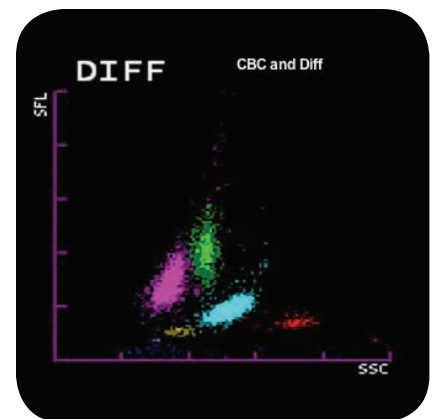
Main Unit:
 12.6 x 15.9 x 16.3 / 52.8
 With Auto Sampler:
 16.7 x 15.9 x 24.2 / 74.8

Models

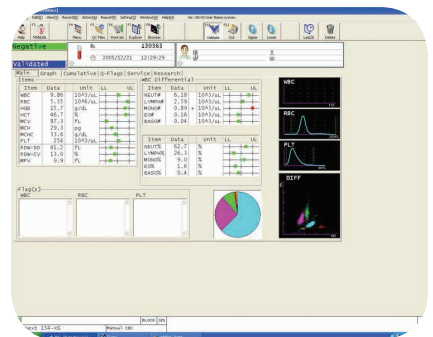
XS-1000i
 XS-1000i with Autoloader (XS-AL)



RBC and PLT Counting



WBC Differential Scattergram



The XS-1000i improves workflow by providing diagnostic alerts to clinicians including a message on the screen identifying when patient samples are identified as Negative or Positive.



BEYOND A BETTER BOX™

Sysmex delivers a comprehensive and intuitive ecosystem that improves performance with next generation diagnostics, advanced tools and technologies, process optimization and BeyondCareSM harmonized support.

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

