

# Sysmex XN330 Brochure (Close size: 210 x 297mm | Open Size: 525 x 297mm) FRONT

## Specifications

<b>Principles and Technologies</b>	Fluorescent flow cytometry method: WBC, DIFF Hydrodynamic focusing DC detection method: RBC, PLT, HCT Cyanide-free SLS-hemoglobin method: HGB
<b>28 Parameters</b>	Whole blood / Pre-dilution mode: WBC, RBC, HGB, HCT, MCV, MCH, MCHC, PLT, RDW-SD, RDW-CV, PDW, MPV, P-LCR, PCT, NEUT#, LYMPH#, MONO#, EO#, BASO#, NEUT%, LYMPH%, MONO%, EO%, BASO%, IG#, IG%, MicroR, MacroR
<b>Throughput</b>	CBC : up to 60 samples/hour CBC + DIFF: up to 60 samples/hour
<b>Sample Aspiration Volume</b>	Whole blood mode: 25 µl Pre-dilution mode: 70 µl
<b>Data Storage</b>	Results: 100,000 samples Patient information: 10,000 records QC files: 99 files (300 plots / file) Reagent replacement history: 5,000 records Maintenance history: 5,000 records
<b>Dimensions and Weight</b>	Width : 450 mm    Depth : 460 mm Height : 510 mm Approx. 35 kg

Choose your XN-L model with enhanced clinical values:



## About Sysmex

Sysmex is a global market leader in the development and implementation of clinical diagnostic and health IT products and services for laboratories, hospitals and healthcare organizations.

We deliver total solutions in the field of clinical laboratory testing, including hematology, hemostasis, urinalysis, clinical chemistry, immunoassay system, life science and flow cytometry. Supplying products and services to customers in more than 150 countries, Sysmex is the market leader in hematology and coagulation instrumentation worldwide.

By working together with our customers and business partners, Sysmex is committed to our mission of shaping the advancement of healthcare.

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We Believe the Possibilities.

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We Believe the Possibilities.

## Automated Hematology Analyzer XN-330

Leading Hematology  
for Better Patient Care



XN-330 is the latest model of XN-L Series



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## BACK

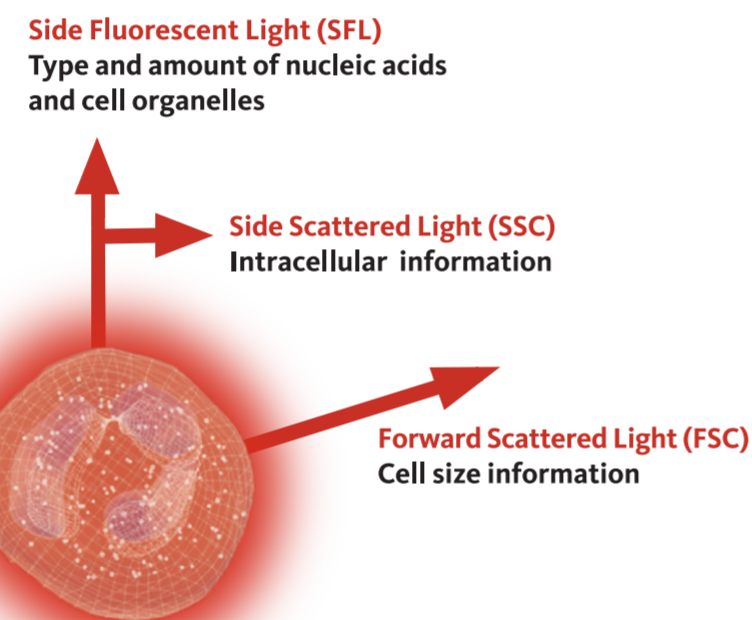
### Making the most reliable results achievable for every laboratory

As a long-standing global leader in hematology testing, Sysmex offers the best quality and excellent performance to ensure reliable results. Today, we are introducing our new model of XN-L Series, the XN-330.

We have incorporated the same technology as our higher end platform into the compact XN-330, ensuring proven reliability can be achieved, yet making sure that cost-effectiveness is within your means, regardless of your workload.

XN-330 utilizes Sysmex's proven core technology – the fluorescent flow cytometry – to count and analyze cells. The three signals – FSC, SSC and SFL are used to differentiate and count cells combining with Sysmex's unique digital technology and algorithms.

Moreover, common reagents with our higher end platform are used, making certain that best-in-class quality and reliability are possible for all.

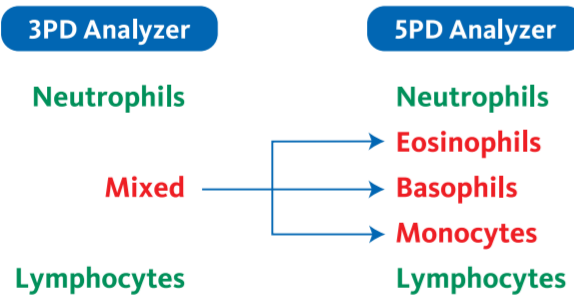


### Peace of mind within your means

- Multi-colored touch screen display** with intuitive graphical user interface to support routine tasks.
- Efficient reagent management system** shows remaining test and expiry dates for efficient tracking of usage.
- Compact size** to fit on any laboratory bench or table to save space.
- Low aspiration volume of only 25uL** to cater for those situations when sample volume is limited.
- Extended connectivity** to meet various connectivity requirements. RS-232C port, LAN port available for host computer connection and USB ports available for USB devices connections.

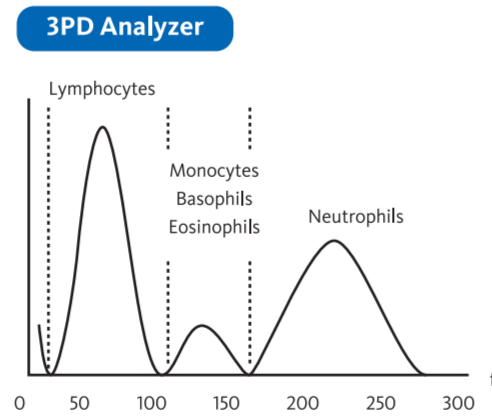
### Upgrade your 3PD to 6PD with Sysmex

#### Why 5PD?

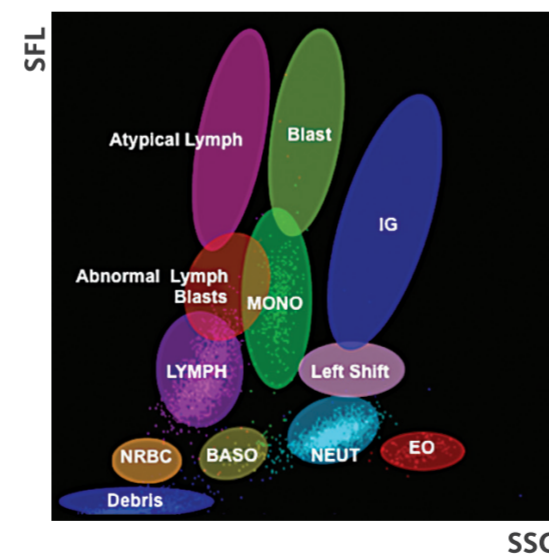


Five part differential analyzers count monocytes, eosinophils and basophils separately rather than as a mixed population in three part differential analyzers. These individual WBC types provide valuable information to clinicians and allow for improved clinical diagnosis and monitoring of treatment, especially in pathological samples.

#### Why Sysmex 6PD?



#### Sysmex 6PD Analyzer



**added-value IG**

**Examples of WBC Flags:**  
WBC Abn Scattergram  
Neutropenia  
Neutrophilia  
Lymphopenia  
Lymphocytosis  
Monocytosis  
Eosinophilia  
Leukocytopenia  
Leukocytosis  
Blasts/Abn Lympho?  
Left Shift?  
Atypical Lympho?  
NRBC?

#### Benefits of Sysmex 6PD Analyzer

- 1) Assessment is not solely based on cell size**  
Unlike three part differential and some five part differential analyzers, fluorescent flow cytometry measures not only the cell size, but also the intracellular information and nucleic acid content. This produces a highly accurate differential count in blood samples collected in EDTA as cell size changes rapidly in such an environment.
- 2) Identification of immature cells**  
Identification of immature cells is possible with the XN-330 as immature cells have a higher nucleic acid content. This has made the generation of 6<sup>th</sup> part differential, the IG count possible. The precision of an automated IG count increases laboratory efficiency by reducing manual counts.
- 3) Superior flagging system for abnormal cells**  
As compared to a flagging system based entirely on cell size on a three part differential analyzer, the XN-330 provides more detailed and specific flagging for abnormal cells.