

Specifications

Analysis Principle	WBC : DC detection method RBC/PLT : DC detection method HGB : Non-cyanide haemoglobin method	
Parameters	Whole blood mode, Pre-diluted mode WBC, RBC, HGB, HCT, MCV, MCH, MCHC, PLT LYM%, MXD%, NEUT%, LYM#, MXD#, NEUT# RDW-SD, RDW-CV, PDW*, MPV, PCT, P-LCR*	
Throughput	Approx. 60 samples per hour	
Sample Volume	WB mode Approx. 50µL PD mode Approx. 20µL	
Sample ID.	Up to 15 characters	
Quality Control Material	Eightcheck-3WP (Low, Normal, High)	
Quality Control	60 plots x 6 files	
Calibrator Material	SCS-1000	
Dimension (W x H x D)	Main unit : 420 x 355 x 480 mm	
Weight	Approx. 30 kg	
Data Storage	XP-100	XP-300
	Up to 35,000 with histogram	Up to 40,000 with histogram
Printer	Built-in Thermal Printer	
Interfaces	LAN (Ethernet for host computer) Bar code reader (Handheld) Serial port (for host computer/RS-232 C) Graphic Printer (option) LAN (SNCS service)	

*In some areas, these parameters are not reportable.

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 organisations.

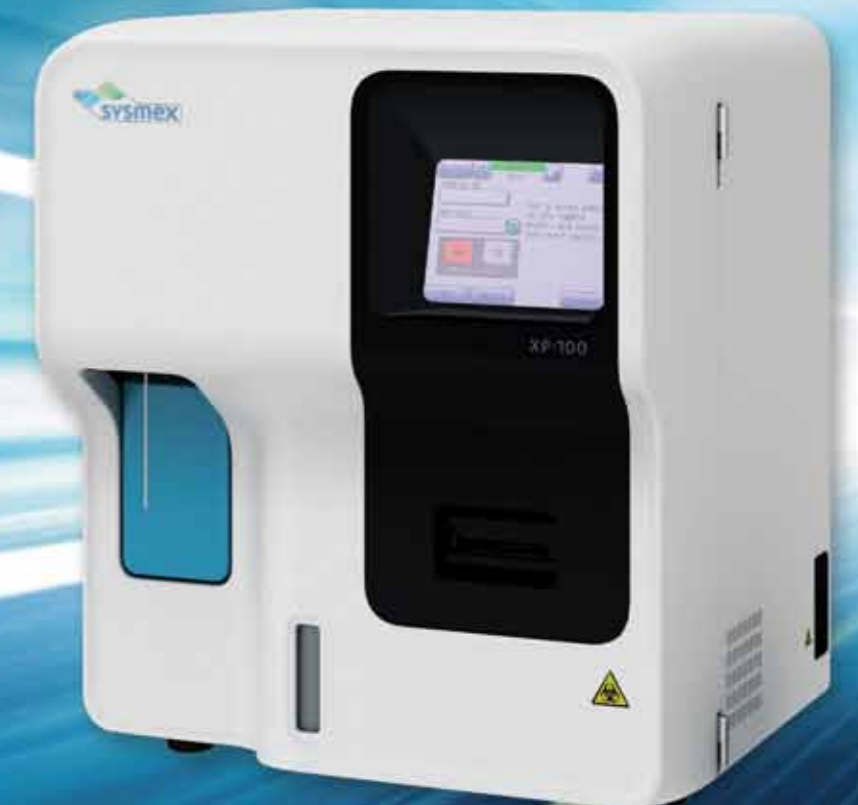
We deliver total solutions in the field of clinical laboratory testing, including hematology, coagulation and urinalysis. Supplying products and services to customers in more than 150 countries, Sysmex is the market leader in hematology and coagulation instrumentation worldwide.

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



We Believe the Possibilities.

Automated Hematology Analyzer XP-Series (XP-100, XP-300) Simplicity Made for You



We Believe the Possibilities.

Sysmex Corporation

1-5-1, Wakinohama-Kaigandori, Chuo-ku, Kobe,
Hyogo 651-0073, Japan
Tel +81 (78) 265-0500 Fax +81 (78) 265-0524
www.sysmex.co.jp

Sysmex Asia Pacific Pte Ltd

9 Tampines Grande, #06-18
Singapore 528735
Tel +65 6221-3629 Fax +65 6221-3687
www.sysmex-ap.com

Sysmex India Pvt Ltd

308 Ascot Centre, 3rd Floor, Sahar Airport Road,
Andheri (East), Mumbai-400099, India
Tel +91 (22) 2822-4040 Fax +91 (22) 2836-5068
www.sysmex.co.in

PT Sysmex Indonesia

Cyber 2 Tower, 5th Floor, Unit E,
Jl. HR. Rasuna Said Blok X5 No. 13,
Jakarta Selatan 12950, Indonesia
Tel +62 (21) 3002-6688 Fax +62 (21) 3002-6699
www.sysmex.co.id

Sysmex (Malaysia) Sdn Bhd

11A & 15, Jalan PJS 7/21, Bandar Sunway,
46150 Petaling Jaya, Selangor, Malaysia
Tel +60 (3) 5637-1788 Fax +60 (3) 5637-1688
www.sysmex.com.my

Sysmex New Zealand Ltd

382 - 386 Manukau Rd, PO Box 26-085, Epsom,
Auckland 1344, New Zealand
Tel +64 (9) 630-3554 Fax +64 (9) 630-8135
www.sysmex.co.nz

Sysmex (Thailand) Co., Ltd.

14 Soi Ramkamhaeng 43/1, Ramkamhaeng Road,
Wangthonglang, Bangkok 10310, Thailand
Tel +66 (2) 539-1127 Fax +66 (2) 539-1750
www.sysmex.co.th

Sysmex Philippines Inc

30th Floor MDC 100 Bldg, E. Rodrigues Jr. Ave. cor.
Eastwood Ave. Bagumbayan, Quezon City, Philippines
Tel +63 (2) 621-2460 Fax +63 (2) 621-2432
www.sysmex.com.ph

Sysmex Vietnam Co. Ltd.

Unit 802, CentrePoint Building, 106 Nguyen Van Troi St,
Phu Nhuan Dist, Ho Chi Minh City, Vietnam
Tel +84 (8) 3997-9400 Fax +84 (8) 3997-9405
www.sysmex.com.vn



Simplicity Made for You!

The XP-series is a compact automated hematology analyzer consisting of two models XP-100 and XP-300. The XP-series performs reliable analysis of 20 parameters (both in WB mode and PD mode) and displays analysis result with 3 histograms on a colour LCD screen.



Simplicity in Operation

- Friendly to use due to Big Colour Touch Screen with intuitive graphic icons
- Data from 20 parameters plus 3 histograms for RBC, PLT and WBC are presented via LCD graphic display and can be printed out from built-in thermal printer
- On-board storage capacity for up to 40,000 data parameters including histograms (XP-300 only)
- Daily maintenance by a single shut down procedure

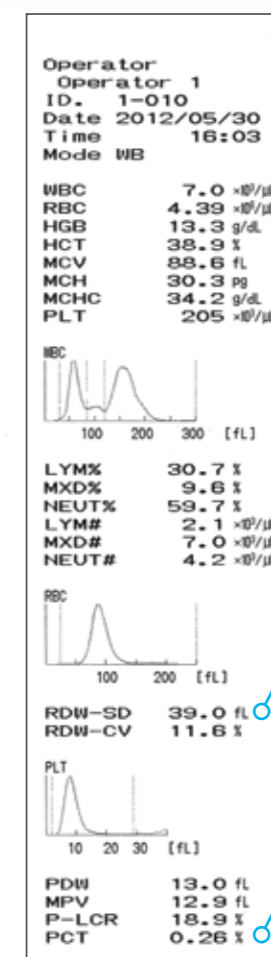
Simplicity in Quality Control System

- The XP-Series uses human blood-based control material
- The control information such as lot number, expiry date and data assay values can be easily input by scanning the assay sheet using a barcode reader, eliminating the risk of human error
- The XP-series has 6 QC files on board. QC results are automatically entered into the L-J or X bar chart for easy monitoring



Accurate and Reliable Results

- Fully-automated analyzer analyzing 20 parameters in both WB and PD mode
- Accurate detection technology inherent in Sysmex XP-series. The sample rotor valve measures the required volume of sample precisely to provide accurate and reliable WBC, RBC and PLT count
- Superior MCV and MCH due to direct HCT measurement
- Better patient management
- Excellent flagging system for reliable reporting



Screening for inflammation

Distinct Neutrophil population provides clinical data useful for better patient management.

Screening for anaemia

Both RDW-SD and RDW-CV combined with MCV can set criteria for differentiation of iron deficiency anaemia and beta thalassemia.

Screening for the cause of thrombocytopenia

PDW, P-LCR and MPV have sufficient sensitivity and specificity in the diagnosis of immune thrombocytopenia and idiopathic thrombocytopenic purpura (ITP)*.

* Kaito K, Otsubo H, Usui N, Yoshida M, Tanno J, Kurihara E, et al. Platelet size deviation width, platelet large cell ratio, and mean platelet volume have sufficient sensitivity and specificity in the diagnosis of immune thrombocytopenia. *British Journal of Haematology* 2005;128:698-702

SNCS

(Sysmex Network Communication System)

- Online QC is a unique integration of daily internal QC, and international external quality assurance into just one QC measurement
- Easy access to QC results in real-time
- Timely corrective action avoiding reporting of error results
- SNCS online QC ensures the highest level of confidence and assurance

