

XN-Series Automated Haematology Analysers

XN-1500

Simplifying
Automation



Simplifying Automation

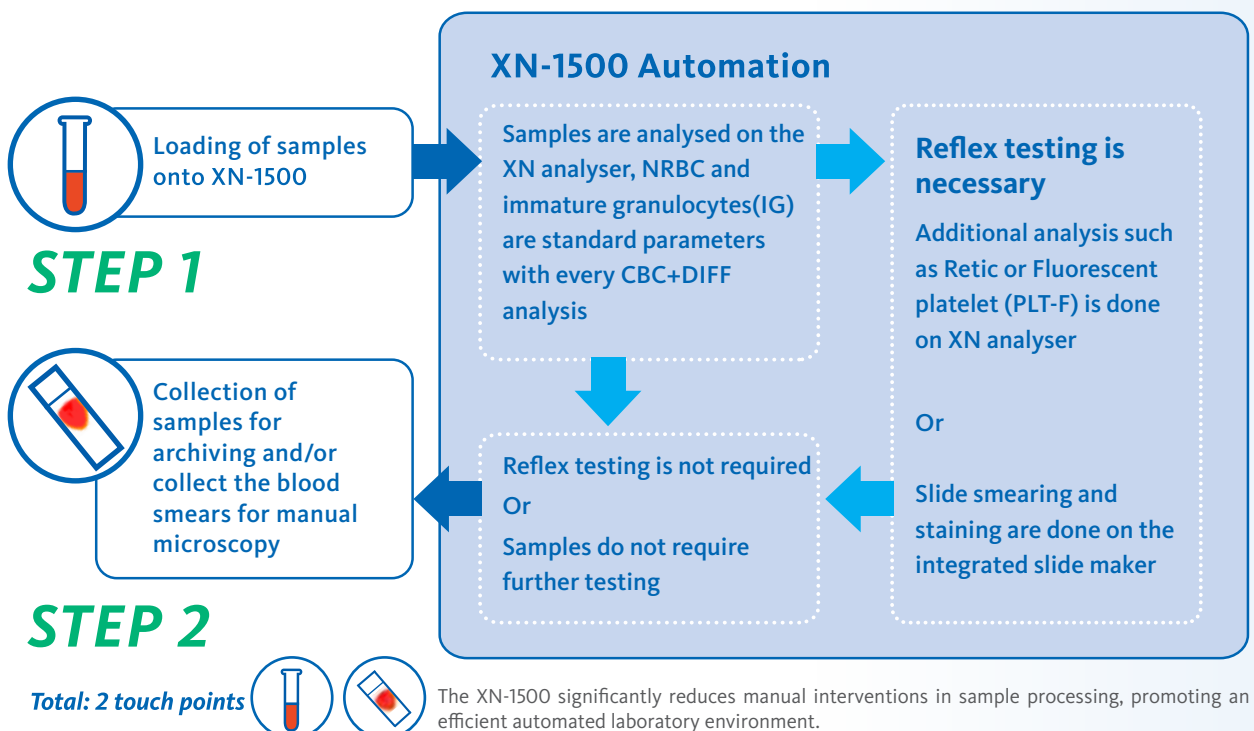
The Sysmex XN-Series delivers flexible, customisable configurations and applications to meet the wide-ranging needs of haematology laboratories – today and in the future.

As an additional option to the highly varied XN-Series configurations, the new XN-1500 offers the scalable benefits of a Sysmex integrated solution within a smaller footprint.

The XN-1500 is a unique synergistic solution, consisting of a haematology analyser and slide maker.

Automating sample analysis and slide preparation improves the workflow of haematology section in the laboratory.

The XN-1500 Simplifies Haematology Automation



Flexible Activation of Applications

Applications

CBC + DIFF



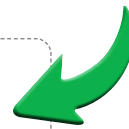
NRBCs allows the assessment of responses during extreme increases in erythropoiesis. The diagnosis and prediction of inflammation and sepsis can be supported by IG with other parameters.



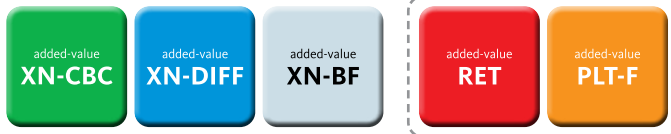
+ Body Fluids Application



Automated 2 part differential for body fluid results allow specific distinction between viral and bacterial infections.



+ RETICS & PLT-F Applications



RET-He & IPF parameters to provide insight into the causes of anemia and thrombocytopenia

01 Automates sample analysis and slide preparation

02 Reduces manual intervention through auto-rerun/reflex capability

03 Compact solution fits into most laboratories



Specifications

Principles & Technologies	
Fluorescent Flow Cytometry	WBC, Differential, NRBC, RET, IRF, PLT-F, IPF, HPC, 2 part differential for body fluid analysis
Hydrodynamic Focusing (DC Detection)	PLT-I (Impedance), RBC, HCT
Cyanide-free SLS Method	Haemoglobin
30 Standard Parameters	
WBC, NRBC#, NRBC%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, MicroR, ¹ MacroR, PLT, PDW, MPV, PCT, P-LCR, NEUT#, NEUT%, LYMPH#, LYMPH%, MONO#, MONO%, EOSIN#, EOSIN%, BASO#, BASO%, IG#, IG%	
16 Optional Parameters	
RET#, RET%, IRF, LRF, MFR, HFR, RET-He, RBC-He, Delta-He, HYPO-He, HYPER-He, PLT-O (Optical), PLT-F (Fluorescent), IPF#, IPF, HPC# ²	
Body Fluid Analysis	
Sample Type	CSF, CAPD, Synovial and Serous fluids
7 Reportable Parameters	WBC-BF, MN#, MN%, PMN#, PMN%, TC-BF#, RBC-BF

Hourly Throughput	
XN-1500	up to 100 samples
SP-50	30 - 75 smears (with upgrade)
Sample Aspiration Volumes	
XN Series	Whole Blood/Body Fluid Mode: 88µL Pre-dilute Mode: 20µL HPC Mode: 190µL
SP-50	Cap piercing (Regular & RBT tubes) 70µL Non cap piercing (1 slide)* 38µL Non cap piercing (2 slides)* 70µL <i>*Includes regular and microtainer tubes</i>
Quality Control	
Tri-level QC material for all parameters Bi-level Body fluid QC materials	
Staining Methods (SP-50)	
Single and double stains (Wright, May-Grünwald, Giemsa)	

Design and specifications may be subject to change without prior notice due to further product development.

Note:

1. MicroR, MarcoR, RBC-He, Delta-He, HYPO-He, HYPER-He are reportable from software version 21.00 onwards.
2. HPC# is available only for XN-20.

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