sysmex | Lighting the way with diagnostics

XN-L PURE SERIES

Know more.
Decide with confidence.
Act faster.

Changing your perspective – XN technology for every lab

As the global leader in haematology, we consider it our responsibility to offer you solutions that make your work easier, more efficient and more effective. In 2015 we introduced the XN-L Series, which offered smaller, budget-friendly full differential analysers that maintain the quality of larger solutions. Now we introduce the newest members of the XN-L Series: the XN-L Pure Series. Every lab can now offer best-in-class diagnostics.

Highly affordable
Experience the quality of larger devices at an excellent price-quality relation.

Can handle low sample volumes
Only 25 µL aspiration volume is needed in whole blood mode.

Includes an IG count
Delivers a full WBC differential including immature granulocytes (IG). This allows an improved monitoring of bone marrow activity and immune response while reducing microscopy reviews of IG.

Results you can rely on
Using XN's fluorescence flow cytometry technology with its proven performance, XN-L Pure analysers deliver reliable results.

Productivity

- XN-L Pure Series comprises full WBC differential analysers offering you a higher degree of cell differentiation and more clinically relevant parameters. You can now significantly reduce your manual differential workload. Plus the instruments are easy to operate.
- The XN-L Pure analysers are complete stand-alone solutions. They have a fully integrated IPU (information-processing unit) including an LCD colour touchscreen, so no separate computer is needed.
- They incorporate the proven Sysmex technologies of fluorescence flow cytometry, hydrodynamic focussing and our cyanide-free SLS method for determining haemoglobin. By utilising our fluorescence flow cytometry technology, your lab can shorten their TAT while ensuring a highly sensitive detection of WBC abnormalities.

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XN-L Pure Series

Clinical insight

- The analysers can greatly benefit laboratories dealing with a larger number of patients susceptible to infection. This is achieved through XN-L Pure's CBC+DIFF parameters, which include an immature granulocyte (IG) count and information on high-fluorescence lymphocytes (HFLC)*.
- The XN-L Pure analysers are able to indicate the presence of NRBC in every measurement without the need for additional reagents or measurement channels.
- The detection of iRBC (RBC with inclusions of parasitic origin) is also standard in every measurement, ensuring reliable WBC counts in the event of interferences by infected RBC.

Intelligence

- The Support Manager ensures availability and high analytical performance 24/7 through continuous remote monitoring, offering shorter service response time and maximum system uptime.
- Our Caresphere™ XQC automatically monitors analysis quality with daily interlaboratory comparison – without the need for additional control materials or measurements. This service is included with XN-L Check control materials.

  Caresphere™ XQC is ISO 17043 certified and ISO 15189 compliant.

Key specifications

Models	XN-330: open tube model XN-430: closed and open tube model XN-530: automated sampler model
Measurement principles	WBC: flow cytometry WBC DIFF: fluorescence flow cytometry RBC/PLT: impedance method with hydrodynamic focussing HGB: cyanide-free SLS haemoglobin
Aspiration volume	25 µL in whole blood mode, 70 µL in pre-diluted mode
Throughput	60 samples/h
Parameters	28 diagnostic parameters: WBC, RBC, HGB, HCT, MCHC, MCH, MCV, PLT, RDW-SD, RDW-CV, MicroR, MacroR, MPV, PDW, P-LCR, PCT, NEUT#/%, MONO#/%, EO#/%, BASO#/%, LYMPH#/%, IG#/% 32 research parameters
Quality control	Xbar or Levey–Jennings plus Caresphere™ XQC based on XN-L Check; patient sample-based quality control (XbarM)
Dimensions/weight [w x h x d]	XN-330: 450 x 510 x 460 mm/ 35 kg XN-430: 450 x 440 x 460 mm/ 35 kg XN-530: 450 x 450 x 660 mm/ 53 kg

* Research parameter

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