

Product fact sheet

XN-L Pure

Version 0.1



Manufacturer information

Sysmex Corporation
www.sysmex-europe.com

Summary

The XN-L Pure is a member of the XN-L Series and part of the XN-Class. Encompassing Sysmex Silent Design®, high levels of performance and operability and proven Sysmex technology, the analyser provides basic profiles in haematology testing.

Clinical insight

- Standard routine CBC and DIFF testing delivers a great range of clinically relevant parameters. The DIFF testing supports the detection of infections and provides guidance for diagnosis and therapy monitoring of infections by reliably counting immature granulocytes (IG).



Main components

BOM	Item	Description	Qty
SE001318	XN-330	XN-330 main unit including items listed in the table below	1

The following items are included in the BOM:

Article no	Item	Description	Qty
CX851950	XN-330	XN-330 main unit (excl. supply parts)	1
38000340	Handheld BR Gryphon	Handheld barcode reader (excl. cable for connection to analyser)	1
38000313	CAB-426 CABLE XN/XT/XS/UF-1000I	Cable for connection of handheld barcode reader to analyser	1
AS917291	XN-330 SUPPLY PARTS (EU)	Supply parts (for detailed content see IFU)	1
ZE000539	Perixx Keyboard PERIBOARD-505H PLUS [US]	Additional keyboard for service (international keyboard)	1
ZE000671	XN-L PRBC FLAG LICENCE	XN-L licence to activate the iRBC? flag, which is mandatory on each XN-L analyser	1

Optional components

Article no	Item	Description	Qty
01330061	PU-17 COMPLETE 200V(white)	Additional pneumatic unit for use at high altitude	1
ZE000902	Handheld BR GRYPHON Cordless complete	Handheld cordless barcode reader as alternative for 38000340	1
38000305	Gryphon Desk-/Wall Holder	Wall holder for handheld barcode reader 38000340	1
AK369883	Intake Tube ASSY NO. 12	For connecting 20 L CELLPACK DCL (politainer)	1
ZE000550	Spout Kit FOR 5L POLITAINER	For connecting 5 L Sulfolyser (politainer) and 5L Lysercell WDF (politainer)	1
CM915147	Intake Tube ASSY NO. 70	For connecting 4 L Lysercell WDF (paper pack)	1




Reagents

Article no.	Item	Qty
CU228496	CELLPACK DCL	10 L
05433514	SULFOLYSER	1 x 500 mL
90411317	SULFOLYSER	3 x 500 mL
AZ124801	LYSERCELL WDF	1 x 2 L
BC843604	FLUOROCELL WDF	2 x 22 mL
83401621	CELLCLEAN	1 x 50 mL
CF579595	CELLCLEAN AUTO	20 x 4 mL

Quality controls and calibrations

Article no.	Item	Qty
213570	XN-L CHECK L1	6 x 3 mL
213571	XN-L CHECK L2	6 x 3 mL
213572	XN-L CHECK L3	6 x 3 mL
213523	XN CAL	3 x 3 mL
ZE000600	USB STICK XN-L CHECK	1
ZE000548	USB STICK XN CAL	1

Specifications

Feature	Description
Standard parameters	28 standard diagnostic parameters
	<ul style="list-style-type: none"> WBC, RBC, HGB, HCT, MCHC, MCH, MCV, PLT, RDW-SD, RDW-CV, MPV, PDW, P-LCR, PCT, MicroR, MacroR
	<ul style="list-style-type: none"> NEUT%, MONO%, EO%, BASO%, LYMPH%, IG%, NEUT#, MONO#, EO#, BASO#, LYMPH#, IG#
Research parameters	33 research parameters
	<ul style="list-style-type: none"> TNC, TNC-C, TNC-D, WBC-C, WBC-D, NE-SSC, NE-SFL, NE-FSC, NRBC #, NRBC %, HFLC#, HFLC%
	WBC-D%, NEUT#%, NEUT%&, LYMPH#%, LYMPH%&, LY-X, LY-Y, LY-Z, MO-X, MO-Y, MO-Z, NE-WX, NE-WY, NE-WZ, LY-WX, LY-WY, LY-WZ, MO-WX, MO-WY, MO-WZ, PLT-I

Technologies	<ul style="list-style-type: none"> Fluorescence flow cytometry Hydrodynamic focused impedance measurement SLS haemoglobin method
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Throughput	<ul style="list-style-type: none"> CBC CBC+DIFF 	<ul style="list-style-type: none"> 60 samples/hour 60 samples/hour
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Aspiration volume	<ul style="list-style-type: none"> Whole blood mode Pre-dilution mode 	<ul style="list-style-type: none"> 25 µL 70 µL
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Data storage	<ul style="list-style-type: none"> Samples (incl. graphics) Patient information Wards registered Doctors names registered Calibration log Quality control files Analysis registration function Reagent replacement history Maintenance history 	<ul style="list-style-type: none"> 100,000 (including histograms and scattergrams) 10,000 200 wards 200 names 20 records 99 files (300 plots per file) 2,000 records 5,000 records 5,000 records
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QC functions	<ul style="list-style-type: none"> Xbar and or L-J XbarM 	<ul style="list-style-type: none"> 300 plots x 96 files (L-J control) 300 plots x 2 files (XbarM control)
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Weight	<ul style="list-style-type: none"> Approx. 35 kg
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Dimensions	<ul style="list-style-type: none"> Approx. 450 (W) x Approx. 460 (D) x Approx. 510 (H) mm
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Interface	<ul style="list-style-type: none"> RS-232C, 2x Ethernet (RJ45), 4x USB
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Operating system	<ul style="list-style-type: none"> Embedded Microsoft® Windows 7 with McAfee Security
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Operative temperature	<ul style="list-style-type: none"> 15 to 35 °C
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Operative humidity	<ul style="list-style-type: none"> 20 to 85 %
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Noise level	<ul style="list-style-type: none"> 60 dB or less
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Power requirement	<ul style="list-style-type: none"> AC 100 to 240 V (50/60 Hz)
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Power consumption	<ul style="list-style-type: none"> 235 VA
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Reference: XN-L BO, GI & TS IFU 1808