Product fact sheet

XN-L 330

Version 5.0



Manufacturer information

Sysmex Corporation
www.sysmex-europe.com

Summary

The XN-330 is a member of the XN-L Pure 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.

Diagnostic support

- Standard routine CBC and DIFF testing delivers a great range of clinically relevant parameters. The DIFF testing supports the detection of infections, provides guidance for diagnosis and offers additional information about the progress of infections by reliably counting immature granulocytes (IG).
- The XN-330 uses an adaptive flagging algorithm, based on the number of cells, the shape of each cell cluster together with position, angle, size, and length to provide an extensive and accurate flagging. Further, XN-330 is equipped with an iRBC flag for detection of interfering RBC inclusions (mostly of parasitic origin) that might impact the WBC count and differential.

CBC

added value XN-DIFF

Main components

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

Ordering information

Item code	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
BL548103	XN-330/430 SUPPLY PARTS (EU)	Supply parts (for detailed content see IFU)	1
ZE002798	LOGITECH WIRELESS KEYBOARD K400 PLUS	Wireless Keyboard for XN, XN-L, XQ-Series and SP-50 (international Layout)	1
ZE000671	XN-L CERTIFICATE	Single sheet certificate, identifier for the purchased system	1
ZE000671	XN-L PRBC FLAG LICENCE	XN-L licence to activate the iRBC? flag, which is mandatory on each XN-L analyser	1

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Optional components

Item code	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

Item code	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
BJ284784	FLUOROCELL WDF	2 x 22 mL
83401621	CELLCLEAN	1 x 50 mL
BQ095093	CELLCLEAN AUTO	20 x 4 mL

Quality controls and calibrations

Item code	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
CBC	• WBC, RBC, HGB, HCT, MCHC, MCH, MCV, PLT, RDW-SD, RDW-CV, MPV, PDW, P-LCR, PCT, MicroR, MacroR
XN-DIFF	• NEUT%, MONO%, EO%, BASO%, LYMPH%, IG%, NEUT#, MONO#, EO#, BASO#, LYMPH#, IG#
Research parameters	33 research parameters
XN-DIFF	• 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	• Fluorescence flow cytometry • Hydrodynamic focused impedance measurement • SLS haemoglobin method
Throughput	
• CBC	• 60 samples/hour
• CBC+DIFF	• 60 samples/hour
Aspiration volume	
• Whole blood mode	• 25 µL
• Pre-dilution mode	• 70 µL
Data storage	
• Samples (incl. graphics)	• 100,000 (including histograms and scattergrams)
• Patient information	• 10,000
• Wards registered	• 200 wards
• Doctors names registered	• 200 names
• Calibration log	• 20 records
• Quality control files	• 99 files (300 plots per file)
• Analysis registration function	• 2,000 records
• Reagent replacement history	• 5,000 records

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• Maintenance history	• 5,000 records
QC functions • Xbar and or L-J • XbarM	 • 300 plots x 96 files (L-J control) • 300 plots x 2 files (XbarM control)
Weight	Approx. 35 kg
Dimensions	Approx. 450 (W) x Approx. 460 (D) x Approx. 510 (H) mm
Interface	RS-232C, 2x Ethernet (RJ45), 4x USB
Operating system	Embedded Microsoft ® Windows 7 with McAfee Security
Operative temperature	15 to 35 °C
Operative humidity	20 to 85 %
Noise level	60 dB or less
Power requirement	AC 100 to 240 V (50/60 Hz)
Power consumption	235 VA

Disclaimer:
This product fact sheet does not contain the complete information of the product as described in the ‘Instructions for Use’, and neither is it intended to replace the ‘Instruction for Use’. The required information in the ‘Instruction for Use’ must be observed at all times.