



05/07/2022. XQ-320 Mini Distributor Launch. Dr Roger Assemien, Head of Marketing & Scientific Affairs Sysmex WCA

SWCA Vision









XQ-320 overview and specifications

Concept





XQ-320: Fusion of requirements and inheritance





We have listened



XQ-320 represents the 'best' of Sysmex analysers to answer even better to your needs

Laboratory managementQC lockoutHost format XQ/HL7IPU screen lock (≥ 1 min)Flexible user managementUp to 500 usersBarcode logonQC measurement permission

Ease of use

5 USB ports (1 on front)

Wi-Fi/Bluetooth connectivity

Assay sheet 2D barcode

Faster wakeup

Additional languages

Histograms next to numerical results

Understandable flagging names

Less user maintenance

(0-320

Specifications

Higher durability

Higher throughput

Lower aspiration volume

Smaller bench size

Larger temperature range

Larger humidity range

Larger memory

Larger touch screen

Lower reagent consumption

Lower electricity consumption

XQ-320 at a glance





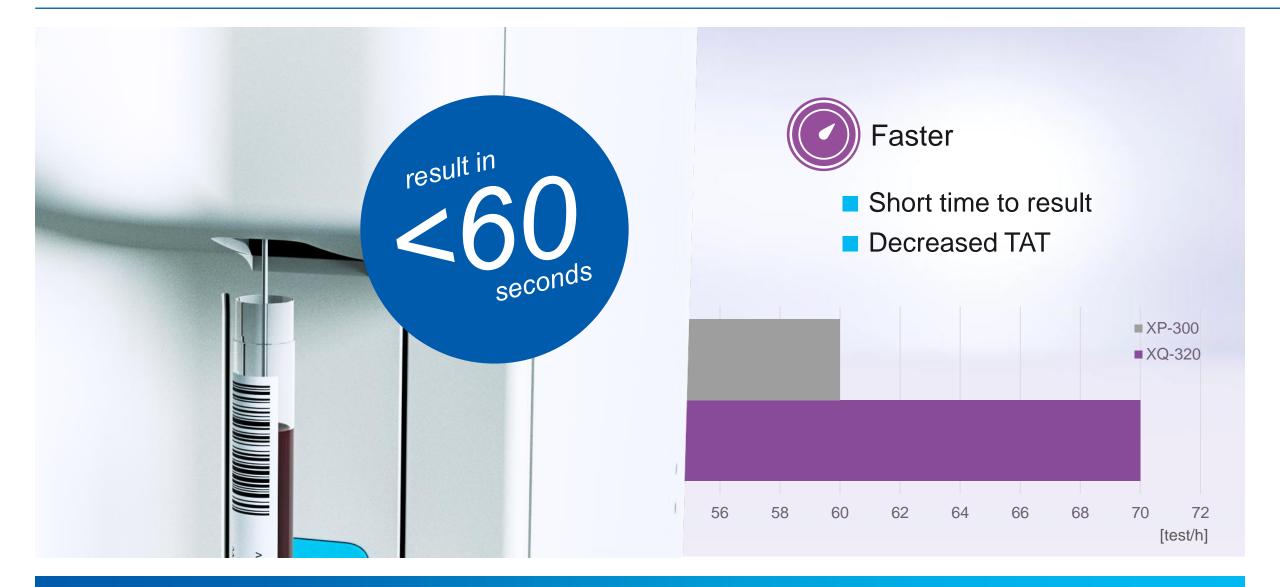
XQ-320: Built for convenience





XQ-320: Built for fast results





XQ-320: Compact and robust hardware





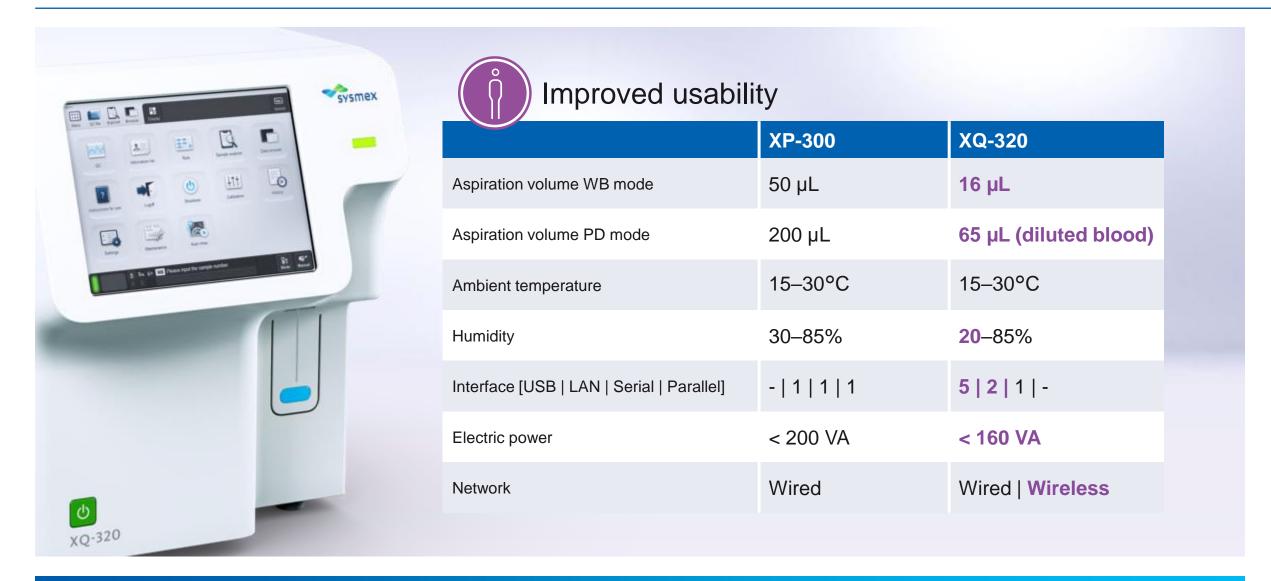
XQ-320: Compact and robust hardware





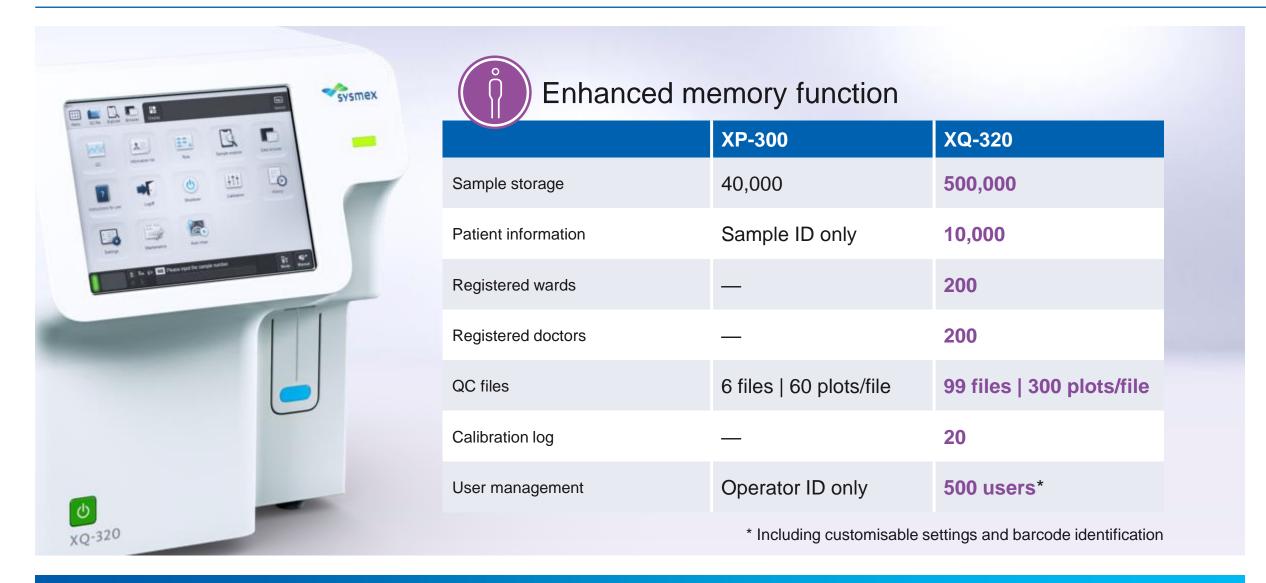
Specifications in comparison to XP-300: Overview





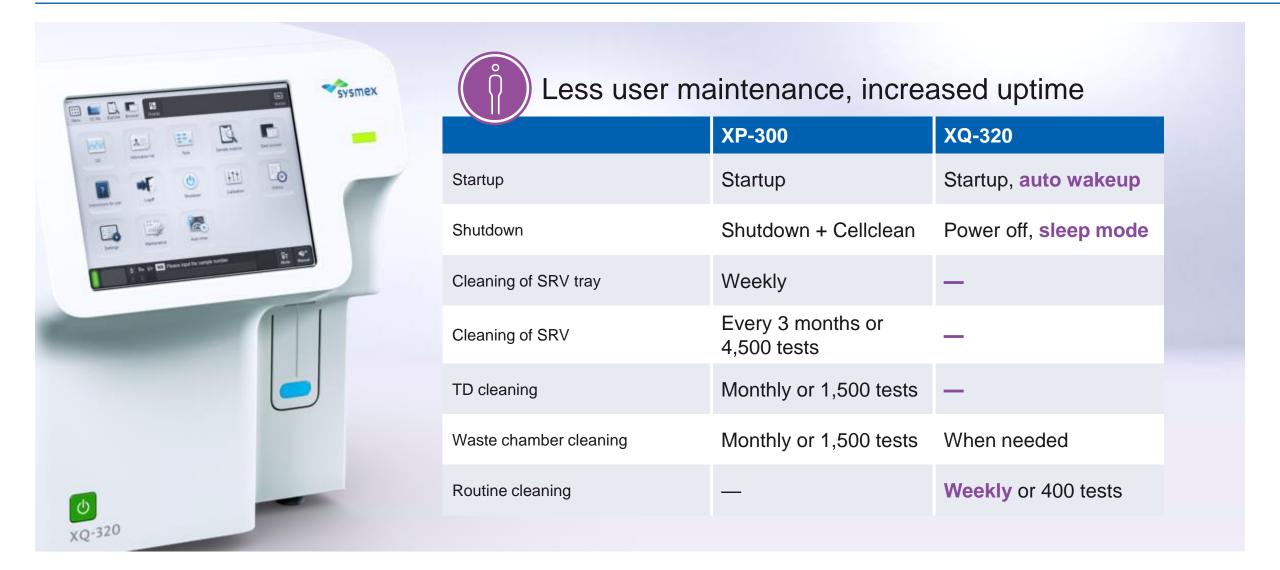
Specifications in comparison to XP-300: Memory





Specifications in comparison to XP-300: Maintenance







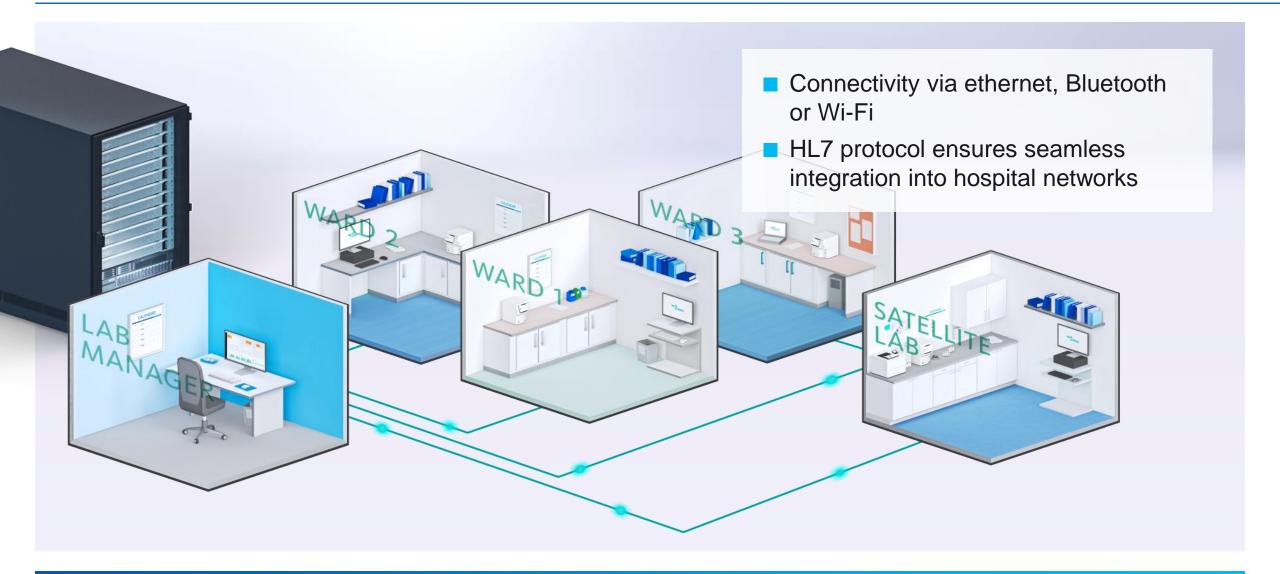
Power on/Wakeup

- Sequences at startup or wakeup are much faster
- XQ-320 is quickly ready for measurement
- First Sysmex haematology analyser with automatic wakeup schedule function

	Shutdown			SYS
Shutdown method	Sleep mode			
Automatic wakeup				-
Execute	2022/01/29	10:00	- +	
Routine cleaning before s	hutdown			
		ОК	Cancel	
	>1	Full-screen Snip	Ūŗ ∢⊮≻	

New features: Connectivity





Result screen



Everything at a glance

- Parameters, histograms and messages on one screen
- Easy to read flags
- 20 diagnostic parameters

Menu	QC file	Explorer	Browser	Switch	≪ v Modify	Validate	Last 10	Û.▼ Output	Upper	Lower	Delete
P ositi ot Valida						U*	· >				····· >
Main	Flag	(s) Cı	umulativ	ve Sei	rvice						
Item BC EUT# YMPH# XD# EUT% YMPH% XD%		10^3/uL 10^3/uL % %	Item RBC HGB HCT MCV MCH MCHC RDW-SD RDW-CV	Data 3.07 8.9 27.9 90.9 29.0 31.9 43.5 13.7	Unit 10^6/uL mmol/L % fL amol mmol/L fL %	Item PLT PDW MPV P-LCR PCT	Data 38 - 11.0 9.9 21.3 0.04 -	Unit 10^3/uL fL % %		а	
wвс	F3 //	300fl	RBC		250fL			40fL			



Diagnostic parameters

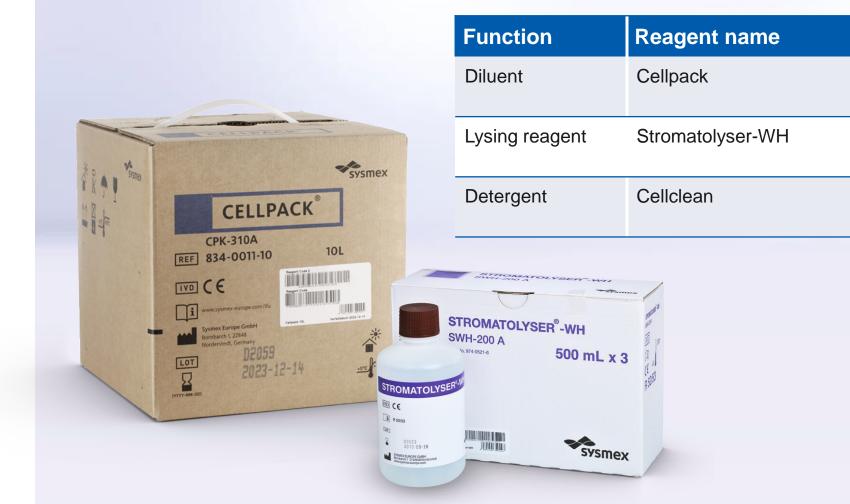


annel	Parameters	Data browser Menu QC file Explorer Browser
BC*	WBC, NEUT#/%, LYMPH#/%, MXD#/%	Negative Image: Second Control (Control (Contro) (Control (Control (Control (Cont
BC/PLT	RBC, HCT, MCV, MCH, MCHC, PLT, RDW-SD, RDW-CV, PDW, MPV, P-LCR, PCT	Main Flag(s) Cumulative Service Item Data Unit Item Data Unit NBC 5.12 10^3/uL RBC 5.66 + 10^6/uL PLT 253 10^3/uL NEUT# 3.04 10^3/uL HGB 9.5 mmol/L PUT 253 10^3/uL MXD# 0.72 + 10^3/uL HCT 45.4 % MVV 80.2 - fL P-LCR 48.1 + % PCT 0.31 MCH MCH 20.9 mmol/L PCT 0.31 %
3	HGB	MXD% 14.0 % WBC 37.5 fL 300fL RBC 40fL
		Image: Description of the sample number. Image: Description of the sample number. Image: Description of the sample number. Image: Description of the sample number. Image: Description of the sample number. Image: Description of the sample number. Image: Description of the sample number. Image: Description of the sample number. Image: Description of the sample number. Image: Description of the sample number. Image: Description of the sample number. Image: Description of the sample number. Image: Description of the sample number. Image: Description of the sample number. Image: Description of the sample number. Image: Description of the sample number. Image: Description of the sample number. Image: Description of the sample number. Image: Description of the sample number. Image: Description of the sample number. Image: Description of the sample number. Image: Description of the sample number. Image: Description of the sample number. Image: Description of the sample number. Image: Description of the sample number. Image: Description of the sample number. Image: Description of the sample number. Image: Description of the sample number. Image: Description of the sample number. Image: Description of the sample number. Image: Description of the sample number.

* WBC parameter names can be adapted: LYM% (W-SCR), MXD% (W-MCR), NEUT% (W-LCR), LYM# (W-SCC), MXD# (W-MCC), NEUT# (W-LCC)

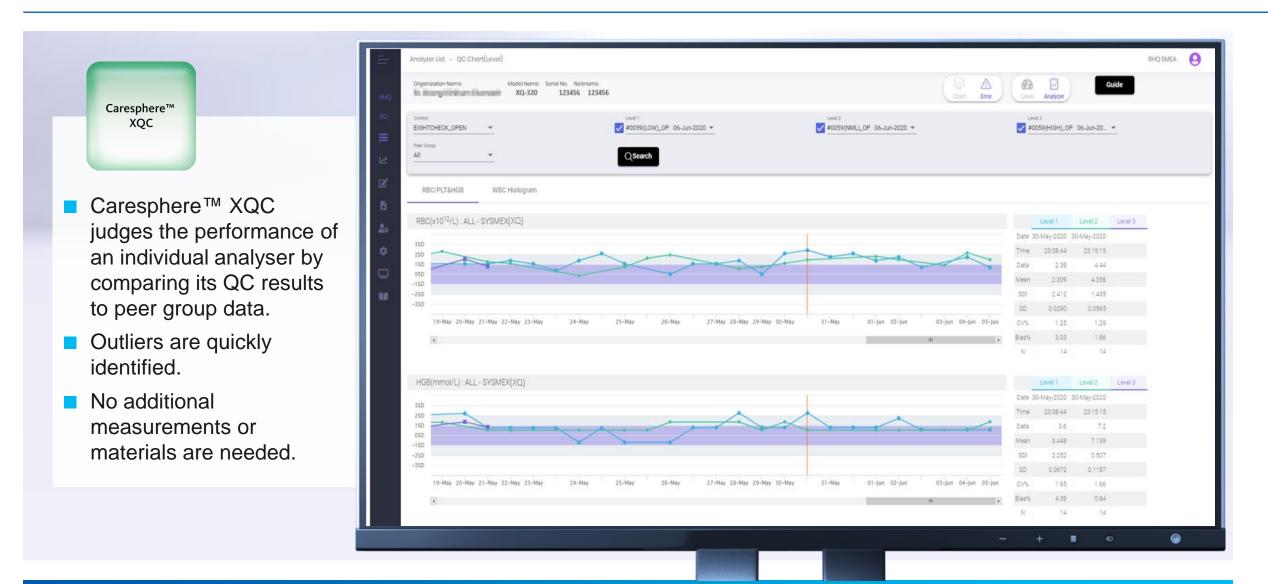
Reagents





Caresphere[™] XQC - interlaboratory comparison









Some Benefits of the XQ-320 over XP-300 at a Quick Glance

	XQ-320	XP-300	
Reagent	Consumes relatively less	Consumes relatively more	
consumption	Cellpack=30ml	Cellpack=34ml	
	Stromatolyser=0.8ml	Stromatolyser=1ml	
	Cell clean= once/week	Cell clean= every shutdown	
Throughput	Higher through put -Relatively	Lower through put -Relatively	
	Faster	Slower	
	Whole blood mode=70 tests/hour	Whole blood mode=60 tests/hour	
Maintenance	Less maintenance activity (apart	More maintenance activity (apart	
	from start-up and shutdown) –	from start-up and shutdown) -	
	routine cleaning	Cleaning of SRV tray; Cleaning of	
		SRV; TD cleaning	
Sample	Requires relatively less sample	Requires relatively more sample	
Aspiration	volume:	volume	
volumes	Whole blood - 15ul	Whole blood - 50ul	
	Predilution – 65ul	Predilution – 200ul	
Weight	Relatively lighter	Relatively heavier	
	22kg	30kg	
Dimensions	Relatively slimmer	Relatively larger	
	365(W) x 440(D) x 450(H) mm	420(W) x 355(D) x 480(H) mm	
Data Storage	Stores more data:	Stores relatively less data:	
	Sample data - 500, 000 samples	Samples data-40,000 samples	
	including histograms	including histograms	
	QC files - 99 files 300 plots/file	QC files - 6 files 60 plots/file	
	Patient info - 10,000	Patient info - Sample ID only	
Network	Wired and Wireless	Wired	
connection			





Market Analysis and product strategy

3 PD market in West Africa



Market/ Environment Analysis	 Biggest than 5 PD market in volume Primary healthcare - Medium and low size hospitals and private clinics Remote country General medicine (+++), less specialities 15- 30 samples /day on average Price sensitive market (+++)
Competitor Analysis	 Lot of Chinese brands: Mindray 3PD, Rayto 3PD, URIT 3PD Manual count
Stakeholder Analysis	 Hospital management: Medical doctors or pharmacists are decision makers (+++) Lab manager: generally involved in the purchase process as advisor or decision makers Others: procurement managers, director MOH in case of tenders



1 Key Issue or Opportunity	No differentiation of	infections in prima	ary care settings (bacte	rial vs viral)
2 Stakeholder Description	GPs (+++), lab scie	ntist / technician		
3 Behav	vior Now	4 Futur	e Behavior	
They give the ove (NEUT, BAS, EO without differentia infections	· ·		ice in 3 PD market in - low and medium	
5 Attitude Now	7 Bar	ier/s	6 Future Attitude	
Overprescription of ATBs to children (+- and adults		utrophils count analysers (rentiation is	Give the right treatment when patient has an infection and act efficiently	

Stakeholder Change Cross functional team (Application and Scientific specialist – Sales and marketing – Task Technical specialist)

Product strategy

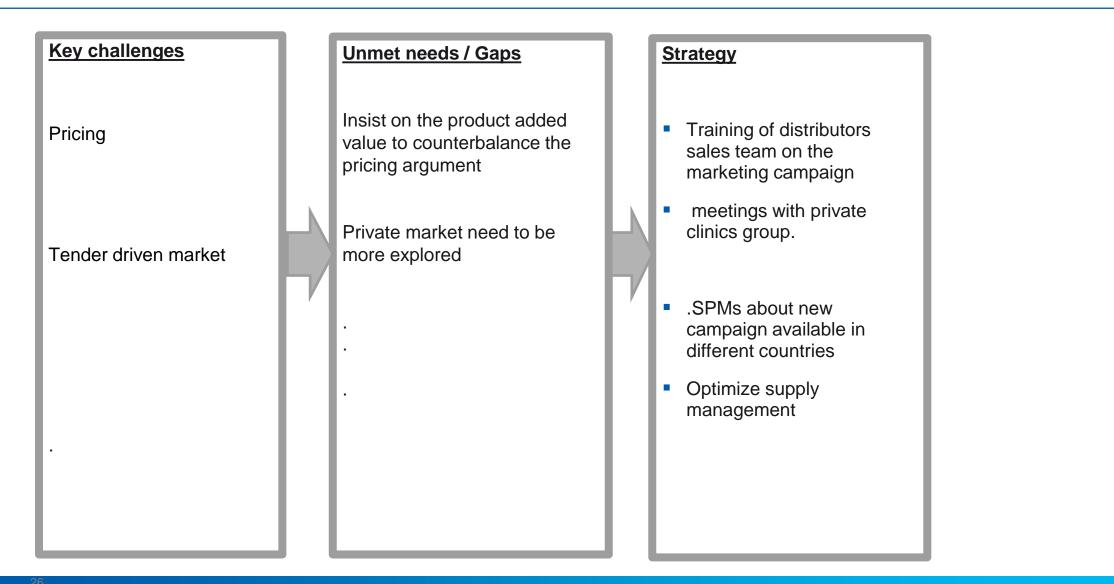


Vision		Best in class in the 3 PD market in West Africa to answer more than customers needs				
Positioni	ing	3PD – part differential with a dedicated neutrophil count for primary healthcare in Africa				
Strateg Imperativ		Create awareness about burden of infectious disease	Distributors sales and app teams trained	Replacement strategy / tenders	Product accessibility	
Require stakeholo behavio change	der or	Burden and management of infectious disease (LRTIs in children) By GPs and clinicians CMEs in primary care settings(training).	Distributor teams trained about our key differences vs competitions To replace competition instruments in the lab By .showing the added value of our 3 PD analysers	 Product features: low maintenance (+++), low aspiration volume, caresphere By selling our service support (technical, application and scientific) 	• Same price than XP-300	
SUCCES METRIC		 GPs influence lab management to purchase. Reagent consumption by test prescription 	 Market share gained from competition > 10 % first year. 	Perception of Sysmex as a MOH partner of choice	Number of units sold / year	

Commercialization strategy

key message

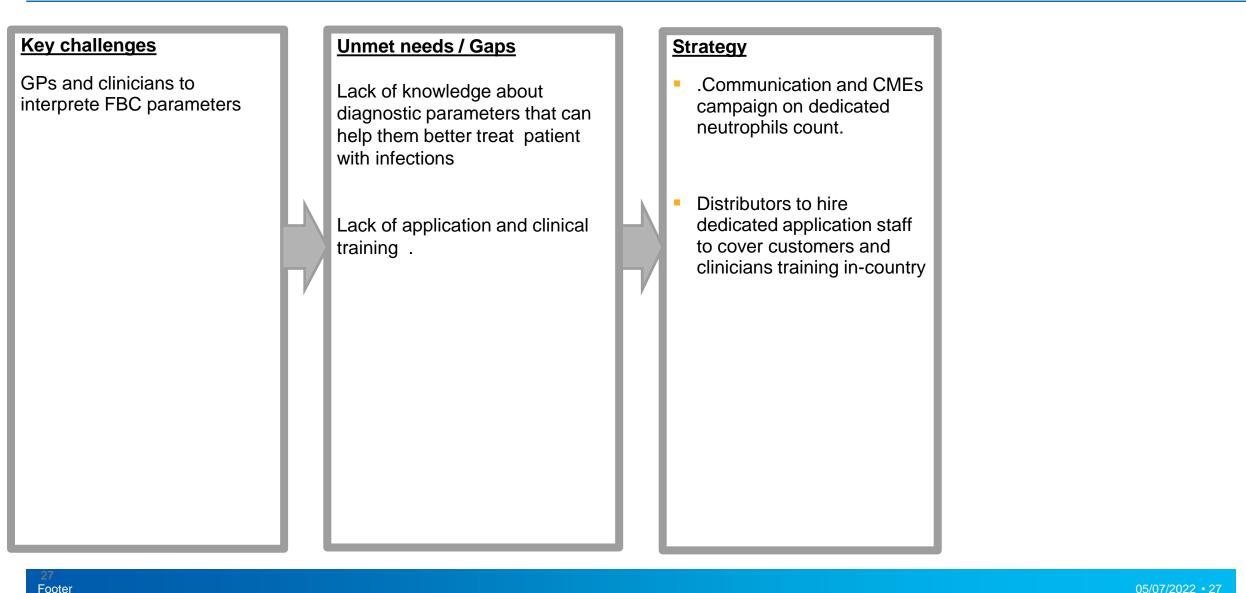




Application and scientific Affairs development strategy

key message





Summary XQ-320 WCA Strategy



o<u>WHERE</u>- Primary Healthcare Centres (MOH & Privates) / Satellite labs

○<u>HOW;</u>

- Local strategies to gain market share in the 3 PD market
 - » Clinicians campaign focused on the importance of dedicated neutrophils count in the management of infection in primary care
 - » End user campaign: XQ features, ease of Use, low sample volume and maintenance, Large screen

Marketing launch activities in Nigeria, IC, Senegal, Benin DRC, Congo, Gabon, & Cameroun





SPMs

GPs and clinicians campaign: How to differentiate infection with a dedicated neutrophils count





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a ja granina

How do we differentiate infections?



Laboratory investigations

h a patient with an actue fabrile liness, hife tion must always be considered. The CBC including a dedicated neurophil count is helpful in guiding the dagnosis towards a bacterial or whall infection, providing the result in only one minutus. With this information, ploying struct like better able to decide whether or not hop nose to provide any or district.

Overview of CBC parameter result ranges characteristic for viral and bacterial infections:

Faraneer	Reference range	Viral Infections	Recental in fections
White bie ed calls	4-10 = 107 L	> 10 = 10 y L	>10= 107 L
Neutrophils	18-7 - 104 L	≤7 = 10√L	>7=10VL
Lymphocytes	15-4 = 107L	> 4 = 107 L	≤4 = 10%L

e mail: advances of barrowics reactions and the intervention a of vision considering the content of an and sea, and the division is means. Advancement a cont, where is barrowics and a period with an above for or one content where it accounts of the division of the later. There have the many relices the content with the reaction of the division for a content with a first and a content barbonic.



Clinical case: Meet Kwasi

A mother came to the district hospital with her 2year-oblison Neau. Upon presentation to the physician, she complexed about his cough. The physical econimation showed a raised body temperature of 39.3° C and a weight of Yolog. When econiming the lungs, the physician noted raise during breathing, and tachypnose. A blood sample wead raw and analysed.

Laboratory diagnostics					
The CBC investigations revealed the following results.					
Gitpurament	Kessifa mening	Lafernikar angas			
Haenoglobin	12 g/dL (hormal)	12 - 1688L"			
Neutrophils	18 = 10 / 나이영아	1.8-7 = 10/L*			
Lymphocytes	1= 10%L (low)	15-4=1071			
Ward the average to be					



The white blood call results with their high near tophiland low (rephosy)s counts pointed to a lactor a limitation. After further investigation, such as terming for other isomerican's like CBT, and obtaining a chest-radiagraph, it team confirmed that likes in due a commonly-acquired primarrowin. Testimin cauld then begin without further delay.



End users campaign: product features









Sysmex academy training



XQ-320: Training

- For everyone including Sales colleagues
 - XQ-320 Basic Online Training on Sysmex Academy platform <u>https://wca.sysmex-academy.com</u> (for every one including potential clients)
 - Video Tutorial: XQ-320 basic training to register via LMS.
 - Haematology Sales and Marketing training will be offered to Sales representatives in our academy.
- For Field Service Engineer
 - Additional to XQ-320 Online Training and Video Tutorial: XQ-320 basic training Sysmex Academy platform
 - 'XQ Technical Introduction' online training on LMS for all Engineer already trained SGST 2
 - New technical colleagues will be trained during SGST 2
- For Application Colleagues
 - Additional to XQ-320 Online Training and Video Tutorial: XQ-320 basic training
 - XQ Advanced Application Training. Will be available in LMS

XQ-320: More than just an analyser!









Lighting the way with diagnostics

