


LDS POCT Analyzers Series



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LDS is proud to introduce a groundbreaking advancement in Pakistan's healthcare landscape: a state of the art Point of Care Testing (POCT) analyzers. This innovative technology has been meticulously designed to cater to the specific needs of the local health sector.

Our analyzers are poised to revolutionize laboratory setups by offering an extensive array of test assays, streamlined operational requirements, cost-effectiveness, and the flexibility to be deployed across various settings with minimal training.

MICRO FLUIDIC DISC TECHNOLOGY



Sample well: Whole blood & plasma

Centrifugal area: Whole blood can be centrifuged inside

Reagent well: Pre-packaged lyophilized reagent inside

EASY TO PERFORM

1

Put disc in

2

Add sample and dilution solution

3

Click " start "

4

Output results

COAGULATION ANALYZER

piXi-100

DC Coagulation Analyzer

Product Specifications

Specimen Type	Whole blood or plasma (sodium citrate)
Sample Volume	180 μ l
Testing Time	12 min
Reagent Type	Lyophilized Reagent Disc
Code Identification	QR code and scanner, automated identification Reagent Disc
Visualization of Results	On screen, and built-in printer
Operating System	Android 5 inch touch screen with LIS/HIS support
Size	270 mm \times 180mm \times 155mm
Weight	\leq 3 kg



Ordering Information

Product Name: piXi-100 DC Coagulation Analyzer

Panel Name	Test Item	Pack Size
piXi-100 Coagulation 2 Test Panel	Prothrombin Time (PT) / Activated Partial Thromboplastin Time (APTT)	20 tests/kit
piXi-100 Coagulation 4 Test Panel	Prothrombin Time / Activated Partial Thromboplastin Time (APTT) / Thrombin Time (TT) / Fibrinogen (FIB)	20 tests/kit
piXi-100 Coagulation 5 Test Panel	Prothrombin Time (PT) / Activated Partial Thromboplastin Time (APTT) / Thrombin Time (TT) / Fibrinogen (FIB) / D-Dimer	20 tests/kit

CHEMISTRY ANALYZER

staGna-100 DC Chemistry Analyzer

Product Specifications

Specimen Type	Anticoagulant Whole blood, Plasma or Serum
Sample Volume	140 μ L
Testing Time	\leq 15 mins
Reagent Type	Lyophilized Reagent Disc
Code Identification	QR code and scanner, automated identification Reagent Disc
Visualization of Results	On-screen and built-in thermal printer
Operating System	Android 5 inch touch screen with LIS/HIS support
Size	270 mm x 180 mm x 155 mm
Weight	3 Kg

Ordering Information

Product Name: staGna-100 DC Chemistry Analyzer

Panel Name	Test Item	Pack Size
staGna-100 General Chemistry 9 Test Panel	ALB/T.P/T.BIL/Crea/Urea/GGT/AST/ALT/GLU	10 tests/kit
staGna-100 General Chemistry 13 Test Panel	TP/ALB/ALT/AST/TBIL/DBIL/UA/Crea/Urea/GLU/TG/CHOL/HDL-C	10 tests/kit
staGna-100 Electrolyte 7 Test Panel	Na ⁺ / K ⁺ / Cl ⁻ /CO ₂ / Ca ⁺² /Mg ⁺² /PHOS	10 tests/kit
staGna-100 Emergency 13 Test Panel	AST/UA/Crea/GLU/CK/CK-MB/LDH/ α -HBDH/AMY Na ⁺ / K ⁺ /Cl ⁻ /CO ₂	10 tests/kit
staGna-100 Liver Function Test Panel	TP/ALB/ALT/AST/GGT/ALP/TBIL/ DBIL	10 tests/kit
staGna-100 Glucose and Lipid Test Panel	TG/CHOL/HDL-C/GLU/GSP	10 tests/kit
staGna-100 Renal Function Test Panel	ALB/Crea/Urea/Uric Acid/Ca ⁺² /PHOS/CO ₂	10 tests/kit
staGna-100 Myocardial Enzyme Test Panel	AST CK CK-MB LDH α -HBDH	10 tests/kit

Fast result in less than 15 minutes
Flexible application
Robust equipment

Easy to perform
Multiple test menu
Reliable and accurate results



Adnan Javed
Biomedical Engineer

“ For me, these POCT analyzers is a ray of hope referring to our health care structure and technical limitation we have in hand. I am in this industry for more then a decade, but for first time I think we have been able to sort the right solution to our primary diagnostic needs.”

APPLICATION SCENARIOS



Emergency Department



Primary Hospital



Scientific Research Institution



Clinical Department



Mobile Health Care



Physical Examination

LDS

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