

# LDS POCT Analyzers Series



 [labdiagnosticsystems](#)

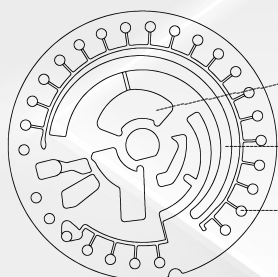
 [ldspakistan](#)

 [ldspak](#)

**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 $\mu$ 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 $\mu$ 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 <sup>+</sup> / K <sup>+</sup> / Cl <sup>-</sup> /CO <sub>2</sub> / Ca <sup>+2</sup> /Mg <sup>+2</sup> /PHOS	10 tests/kit
staGna-100 Emergency 13 Test Panel	AST/UA/Crea/GLU/CK/CK-MB/LDH/ $\alpha$ -HBDH/AMY Na <sup>+</sup> / K <sup>+</sup> /Cl <sup>-</sup> /CO <sub>2</sub>	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 <sup>+2</sup> /PHOS/CO <sub>2</sub>	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 are a ray of hope referring to our health care structure and technical limitation we have in hand. I am in this industry for more than a decade, but for the 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**



**Lab Diagnostic Systems (SMC) Pvt Ltd**

Plot No. 36-A, PSIC, SIE, Taxila, Rawalpindi, Pakistan

Website: [www.ldspak.com](http://www.ldspak.com) | Email: [info@ldspak.com](mailto:info@ldspak.com)