LAURA XL

Fully Automated Urine Chemistry and Sediment Analyzer

Faster turn- around time
Achieve quickest results every time

Reduced manual work
Optimise your work-flow

Image storage
See & Share more with ease

Making Automation Affordable for labs Everywhere

LAURA XL

Fully Automated Urine Chemistry and Sediment Analyzer

Laura XL is complete walkaway system combining urine strip reading & digital microscopy on a single platform while making it a preferred choice for high workload laboratories

KEY BENEFITS

Manual Work Minimization
The fully automated aspiration, processing & analysis of Urine sample would reduce required manual work in slide preparation & viewing under microscope

Time Saving
With the complete walkway system it could help use valuable technician time for other important work

Advanced Reporting
The facility to save & share high resolution sediment images shall be helpful to prove the analysis

Error Reduction
The objective strip reading, software based sediment analysis & automated result transmission could possibly minimize the amount of errors with manual work

Reduced Review Rate
The On-screen images of strip & sediment could be referred for any repeat analysis if required

KEY FEATURES

Sediment analysis
Bright-field Digital microscopy using Artificial Intelligence based software

Chemistry analysis
Reflectance photometry using Color Matrix definition technology

Physical analysis
Measurement using Colorimeter

Display
Full HD Color Touchscreen LCD (1920 x 1080)

Throughput
Upto 125 test/hr in Sediment/Hybrid mode & upto 160 test/hr in Chemistry mode

Sample Loading
Capacity for 120 samples (10 tubes x 12 racks)

Sample volume
Primary tube – 2ml & Micro tube/ Eppendorf vial – 0.9 ml

Memory
Inbuilt-memory of > 500000 results

Data
Facility for USB, barcode scanner & LIS connection

Controls
Internal Liquid control available & Compatible with 3rd party liquid control

Parameters Available

Physical: Color & Clarity

Chemistry: Glucose, Protein, pH, Specific Gravity, Leucocytes, Blood, Bilirubin, Urobilinogen, Ketone & Nitrite in 10 parameter DekaPHAN AUTO strip

Sediment: WBC, WBC clumps, RBC (with dysmorphic sub-classification), Epithelial cells (Squamous & Non-Squamous), Casts (Hyaline & Pathological), Crystals (Uric acid, Triple Phosphate, Calcium oxalate , Amorphous & Small crystals), Bacteria (Cocci & Rods), Yeast, Mucous, Sperm

Ordering Information

Product Code	Product	Quantity
165467	LAURA XL	1 unit
132419	DekaPHAN AUTO	100 strips
132399	OptiSOL XL 1500	400 ml
133506	OptiSOL 750	6 x 50 ml
134450	Urinorm XL	2 x 120 ml