MEET THE LAURA XL

Fully automated hybrid urine analyzer

Making Automation Affordable
for Labs Everywhere

www.erba.com

Key features of LAURA XL

Powerful

AUTOMATED
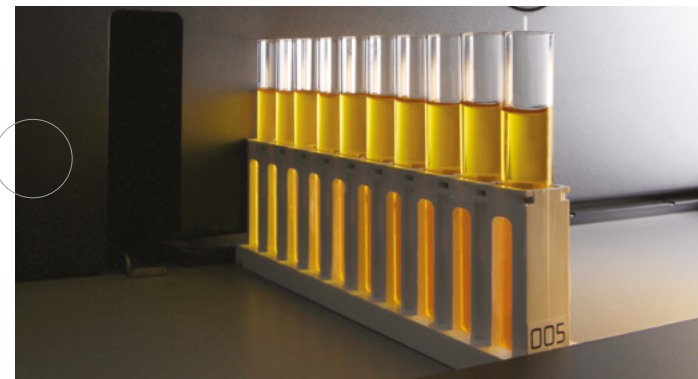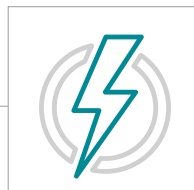
Fully automated processing

3 operating modes

10 or 11 chemistry parameters, plus color and clarity

23 automated sediment categories

15 additional manual sediment categories

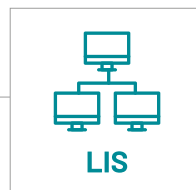Active humidity protection

User friendly

EASY TO USE

Simple user interface

LIS connectivity

Automatic programmed maintenance

LIS

Efficient

INCREASE PRODUCTIVITY

Up to 125 tests per hour for sediment or hybrid mode

Up to 160 tests per hour for chemistry mode

Reusable cuvettes

Full analytics from 0.9 mL urine

Technical Specifications

CHEMISTRY ANALYSIS

Method	Image analysis of a photo of a strip
Parameters	SG, LEU, NIT, pH, PRO, GLU, KET, UBG, BIL, BLD, ASC, Color, Clarity
Units	SI, conventional, arbitrary

SEDIMENT ANALYSIS

Method	Digital microscopy
Parameters	RBC/nRBC, dRBCe, dRBCg, dRBCa, dRBC, WBC, WBCc, SQEP, NSE, HYA, CASTS, CaOX, TRIP, UA, MOX, AMO, CRYS, BACR, BACC, BC, YST, SPRM, MUC, UNCC
Units	N/µL; N/x µL; Microscopy units (LPF, HPF); Total counts

SYSTEM INFORMATION

Analytical Modes with Max Throughput		Dimensions (without LCD)	
Chemistry only	up to 160 tests/h	Width	943 mm
Sediment only	up to 125 tests/h	Depth	675 mm
Hybrid	up to 125 tests/h	Height	563 mm
		Weight	70 kg

Minimal Sample Volume		Working Conditions	
Primary tube	2 mL	Temperature	16–30°C
Micro tube	0,9 mL	Humidity	5–85% RH (non-condensing)

Sample Loading Capacity	Supported Barcodes
120 samples (12 racks × 10 tubes)	Code 128 (A, B, C), 39, 93, Codabar, Interleaved 2/5

Memory	Interface
> 500,000 results	ASTM (RS323 + LAN), USB

ORDER CODES

Cat No	Product Name	Quantity
INS00065	LAURA XL	1
URPH0030	DEKAPHAN AUTO	100 Strips
URPH0031	UNDEKAPHAN AUTO	100 Strips
REG00054	Opti-sol XL 750	1 × 6 × 50 mL
REG00055	Opti-sol XL 1500	1 × 400 mL
REG00060	URINORM XL	2 × 120 mL

We are an emerging player in in-vitro diagnostics, with a global footprint. Our mission is to make automation affordable for labs everywhere.
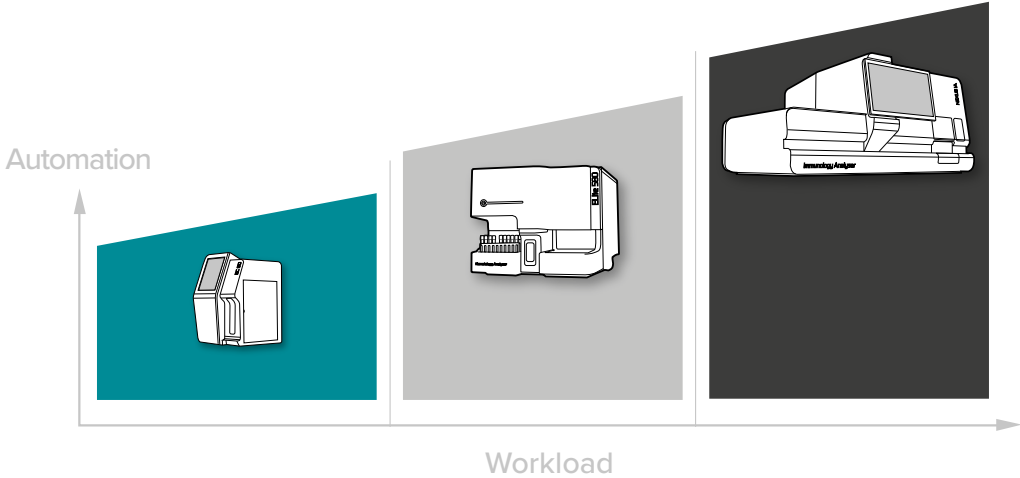
Providing hospitals and labs with a full range of diagnostic instruments, reagents and support services in more than 100 countries, our focus is on improving health outcomes in developing nations.

We believe every lab should benefit from automation, no matter how big or small. And we know that different labs have different needs, so we offer three distinct ranges of products, helping you to find the ideal solution.

Nexus Total Lab Automation Made Accessible

Vertex Powerful Automation for Mid-Sized Labs

Apex Basic Automation for Small Labs

Automation

Workload

APEX
BASIC AUTOMATION
FOR SMALL LABS

VERTEX
POWERFUL AUTOMATION
FOR MID-SIZED LABS

NEXUS
TOTAL LAB AUTOMATION
MADE ACCESSIBLE

	APEX	VERTEX	NEXUS
Lab size	Small	Mid-size	Large
Throughput	Low	Mid-range	Large
Automation	Semi-automation	Full automation	Full automation
Type	Bench-top	Bench-top or floor standing	Bench-top or floor standing
Footprint	Super compact	Compact	Compact/Medium
Look out for this symbol	AΞ	VΞ	NΞ

Erba Lachema s.r.o.

Karásek 2219/1d, 621 00 Brno,
Czech Republic

✉ sales@erba.com

www.erba.com

bsi
ISO 13485
Quality
Management for
Medical Devices
CERTIFIED

Version No. 1.1_ 01.09.2025