

400 T/H

# SpinXL

Fully Automated Clinical Chemistry Analyzer



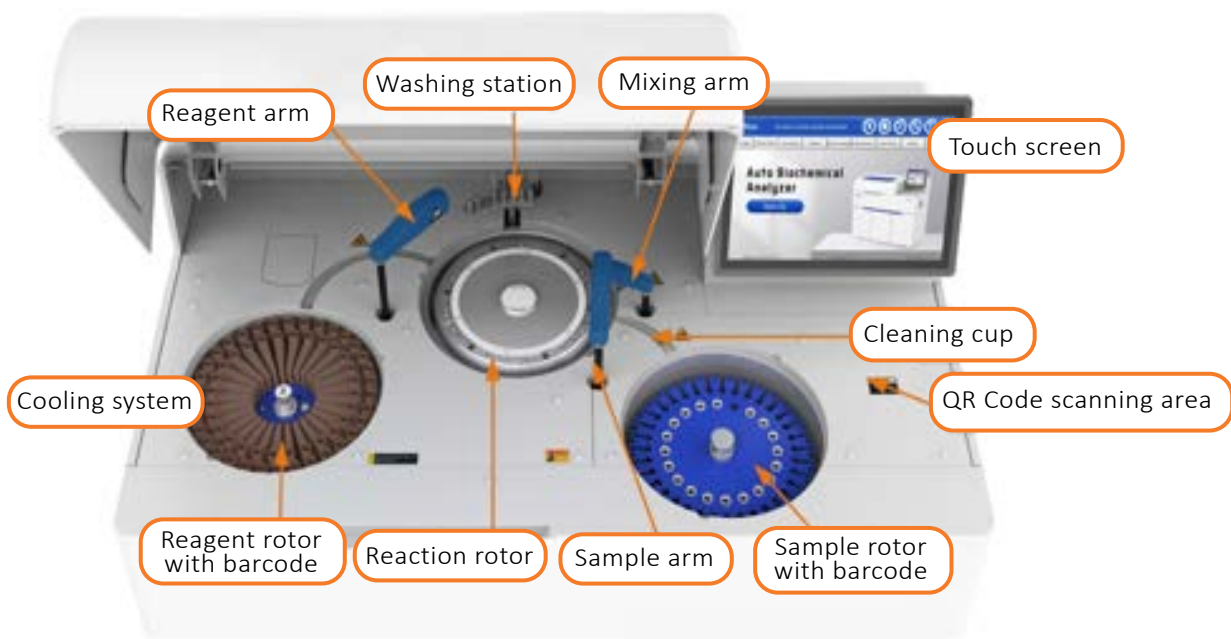
- FUNCTIONAL AND INNOVATIVE
- ACCURATE AND PRECISE
- FLEXIBLE AND EFFICIENT



## Your excellent choice for medium-sized laboratories

**Spin XL** is designed for the quantitative determination of routine chemistries, specific proteins, lipids, drugs of abuse, diabetes and veterinary testing among others. Capable of analyzing a variety of sample types including Serum, Plasma, Urine, cerebrospinal fluid and other biological samples, it delivers consistent high quality results.

By performing 400 tests per hour, the analyzer Spin XL is ideal for medium to high throughput laboratories.



## COMPREHENSIVE TEST PANELS

### Liver

ALT/GPT, ALP, Albumin, AST/GOT, Bilirrubins, CHE,  $\gamma$ -GT, LDH, Total, Proteins, Prealbumin, Total Bile Acids, Ammonia, Ceruloplasmin

### Pancreatic

Amylase, Glucose, Lipase

### Lipids

APO A1, APO B, LDL, HDL, Cholesterol, Triglycerides, Phospholipids

### Infectious

ADA, ACE, ASO, Zinc CRP, IgE, WR CRP

### Tumor markers

$\beta$ 2 Microglobulin, FOB

### Immune

ADA,  $\beta$ 2 Microglobulin, C3, C4, IgA, IgG, IgM

### Diabetes

Albumin (Urine), Fructosamine, Glucose, HbA1c

### Hemostasis

D-Dimer, Antithrombin III

### Cardiac

APO AI, APO B, Albumin (urine) Cholesterol, LDL, HDL, CRP HS, CK, CK MB, Homocystein, Lactate, LDH

### Anemia

Ferritin, G6PDH, Haptoglobin, Iron, LDH, TIBC, Transferrin

### Inflammatory

$\alpha$ -1 Acid Glycoprotein, ACP, ASO, Calprotectin, CRP, RF

### Renal

Albumin, Ammonia,  $\beta$ 2 Microglobulin, Cystatin C, Creatinine, Mg, Uric Acid, Phosphorus, Protein (Urine & CSF), Urea/BUN

### Electrolytes

Ammonia, Ca, CO<sub>2</sub>, Cu, Cl, Fe, Mg, P, Na, K, Zn

FEATURE	DETAILS
Throughput	400 tests/hour (9 seconds/cycle).
Capacity	Up to 90 sample positions (70 barcode sample positions + 20 for QC and CAL).
	68 barcoded reagents with on-board cooling (2-8°C).
Barcode Reader	Built-in barcode reader, with the option for closed-mode operation.
Reagent	20 and 60 mL dedicated reagent bottles.
	Fully dedicated reagents to avoid contaminations and extend stability.
Cuvette Rotor	120 cuvettes rotor with optimal washing, using acid and alkaline solutions.
Minimum Volumes Required	Sample: 1 µL to 70 µL (in 0.1 µL increments).
	Reagent: 10 µL to 350 µL (in 0.5 µL increments).
	Reaction: 100 µL - 500 µL.
Optical System	Optical system with 12 wavelengths.
	Range: 340-800 nm.
	Dual wavelength simultaneous detection.
	Photometric Range: Up to 3.5 Abs and optical resolution of 0.000001 Abs.
Calibration & Control	Automatic loading of Calibration and Control values via QR code.
Degassing System	Built-in degassing system.
Sample Detection	Sample air and clot detection.
Real-Time QC	Real-Time QC with complete rules and charts.
Water Purification	Built-in water purification system with less than 12 L/h consumption.
	Water quality control and distiller component wear monitored in the equipment's own software.
Energy Management	Energy-efficient management (500 VA).
User Maintenance	Minimal user maintenance.
LIS Integration	Capacity to fully integrate into LIS (ASTM, HL7).
Touchscreen	Touchscreen computer included.
All-in-One Design	1370 mm x 760 mm x 1345 mm, 220 Kg.

## MAKES YOUR WORK EASIER



SpinXL



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