

SPINREACT

400 T/H

# SpinXL

Fully Automated Clinical Chemistry Analyzer



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

SPINREACT

TOYOB GROUP

Spinreact SAU

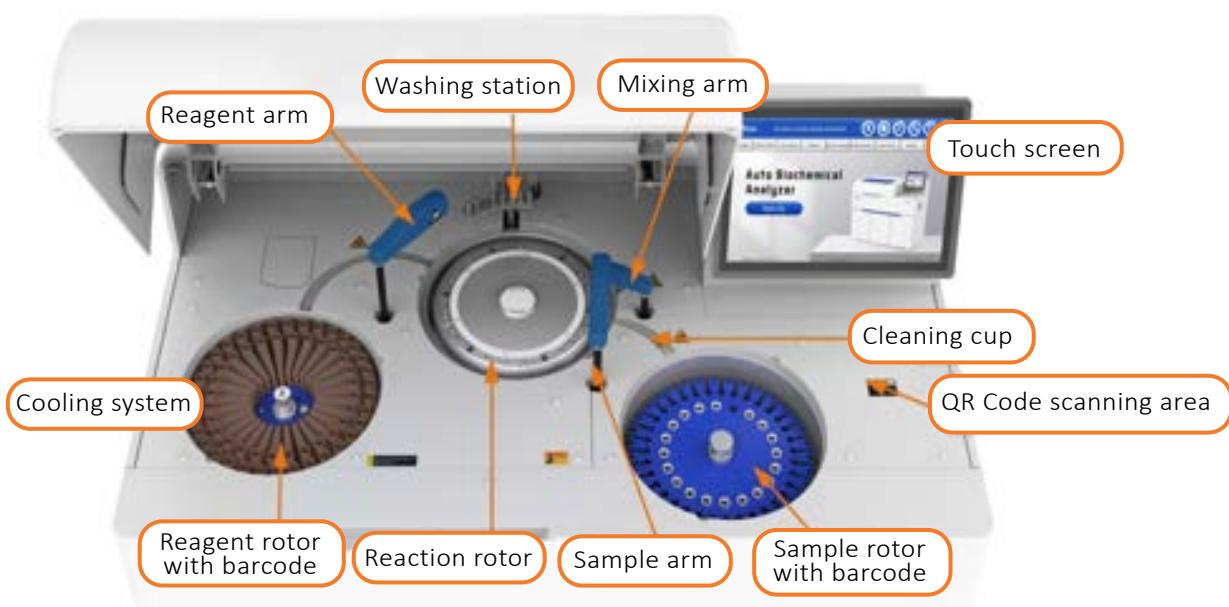
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## Your excellent choice for medium-sized laboratories

**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, Bilirubins, 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 A1, APO B, Albumin (urine) Cholesterol, LDL, HDL, CRP HS, CK, CK MB, Homocysteine, 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
<b>Throughput</b>	400 tests/hour (9 seconds/cycle).
<b>Capacity</b>	Up to 90 sample positions (70 barcode sample positions + 20 for QC and CAL). 68 barcoded reagents with on-board cooling (2-8°C).
<b>Barcode Reader</b>	Built-in barcode reader, with the option for closed-mode operation.
<b>Reagent</b>	20 and 60 mL dedicated reagent bottles. Fully dedicated reagents to avoid contaminations and extend stability.
<b>Cuvette Rotor</b>	120 cuvettes rotor with optimal washing, using acid and alkaline solutions.
<b>Minimum Volumes Required</b>	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.
<b>Optical System</b>	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.
<b>Calibration &amp; Control</b>	Automatic loading of Calibration and Control values via QR code.
<b>Degassing System</b>	Built-in degassing system.
<b>Sample Detection</b>	Sample air and clot detection.
<b>Real-Time QC</b>	Real-Time QC with complete rules and charts.
<b>Water Purification</b>	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.
<b>Energy Management</b>	Energy-efficient management (500 VA).
<b>User Maintenance</b>	Minimal user maintenance.
<b>LIS Integration</b>	Capacity to fully integrate into LIS (ASTM, HL7).
<b>Touchscreen</b>	Touchscreen computer included.
<b>All-in-One Design</b>	1370 mm x 760 mm x 1345 mm, 220 Kg.

## MAKES YOUR WORK EASIER



Built-in touchscreen computer



Automatic loading of calibration & control values by QR code



Built-in water purification system inside



SpinXL



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