

XL-1000

Fully Automated Random Access Clinical Chemistry Analyzer
A perfect solution for high workload Laboratories



**US FDA
REGISTERED**



**Increase
Productivity**

Maximise testing
capabilities to next
level



**Accurate
Results**

Achieve highest
accuracy first time,
every time



**Quality
First**

QC capabilities
put patient safety
first

Making Automation Affordable
for labs Everywhere

XL-1000 is a random access, discrete, patient prioritized, fully automated clinical chemistry analyzer with autoloader designed to meet the needs of today's modern clinical laboratories with high workload. Once samples are loaded, it is a complete walk-away system.

Key Benefits



Flexibility and versatility

- Throughput: 800 tests / hour photometric and 1040 tests / hour with ISE (optional Direct ISE with Na⁺, K⁺, Cl⁻, Li⁺)
- 86 positions for reagents with on-board cooling
- 159 sample positions (including blank, controls, calibrators, upto 44 stat samples) with sample autoloader rack system (continuous loading sample racks)



Quality first

- QC capabilities put patient safety at the centre of your laboratory
- 2 level QC plot data with QC rules, provision for lab mean and Twin plot
- QC for Urine parameters



Economical in all aspects

- 147 permanent glass cuvettes helps to reduce CPRT
- Reaction volume only 150 µl ensures less reagent consumption for every test
- < 25 litres water consumption



High accuracy and precision

- Separate probes for R1 and R2 reagents and sample with internal and external washing ensures no carry over
- Dual mixer with variable speed technology ensures proper mixing of reagent and samples
- Multi-wavelength diffraction grating with 15 wavelengths (340, 376, 405, 450, 480, 505, 528, 546, 570, 600, 628, 660, 700, 750, 800 nm) ensures precise reading every time.
- Clot detection function, and serum Indices identification provides next level sample check
- 10 stage Twin onboard laundry ensure no cross contamination



Smart functions

- Intelligent remote service support using IoT for reporting errors for quick service
- Inbuilt barcode for reagent and samples
- User defined reflex testing
- Touch screen with all new user-friendly GUI
- Bi-Directional LIS

Ordering Information

Product Code	Product
190060	XL 1000

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