

XL-100TM

Solution To Bridge The Gap



Features

- Compact bench top model
- Wide test Menu
- Requires only 180 µl of Reagent
- Auto Dilution Auto Rerun
- Extensive Q.C Program Levy-Jenning curve and QC rules
- On board cooling
- Optional Bar Code Reader for sample and reagent
- Preheated sample / Reagent probe

XL-100TM

Fully Automated Clinical Chemistry Analyzer



Technical Specifications

System type	Discrete, Automated, Random Access, Patient prioritized, Mono or Bi-Reagent, Bench top system
Throughput	100 tests/hour (Photometric) & 250 tests/hour (with ISE)
Assay modes	1-Point, 2-Point, Rate-A, Rate-B, Direct Potentiometry
Onboard tests	42 test items maximum + 4 ISE (optional Na ⁺ , K ⁺ , Cl ⁻ , Li ⁺) 25 positions fixed for Reagents 15 flexible (Reagent/Sample) 2 Rgt/Dil positions at Room Temperature
Programmable parameters	Unlimited test parameters, calculation items & Profiles
Sample container	Primary tube 7 ml (14.5 x 84 mm) or 5 ml (13 x 75 mm) Cup: Standard cup 2 ml
Sample volume	2-70 µl (adjustable in 0.1 µl step)
Reaction volume	180 µl
Reagent	10-300 µl (Adjustable in 1 µl step) Optional Bar-code
Photometric system	Multi-wavelength static photometer
Wavelengths	8 wavelengths (340, 405, 505, 546, 578, 600, 660 & 700 nm)
Mixers	Mixing by Probe 3 Levels Slow/Medium/High
Safety mechanism	Vertical Obstruction Detection & Froth Detection Capacitance based liquid level sensing
QC menu	Q.C Program Levy-Jenning curve and QC rules
Sample placement	Flexi Sample-Reagent Tray Max No of Samples: 25 Nos Fixed Sample Position: 10 Nos Flexible Sample/Reagent position 15 Nos.
Water consumption	1.8 liters/hour
STAT samples	Flexi 25 positions
Reaction unit	Reaction tray : Semi disposable with 120 positions
Dimensions	675 (W) x 450 (D) x 300 (H) mm
Weight	65 kg
Power supply	AC 220 V $\pm$ 10%, 50/60 Hz or AC 110 V $\pm$ 10% 50/60 Hz. (600 VA including PC & Printer)

** Specifications subject to change without prior notice.*

Test Menu

Substrates	Electrolytes	Lipids	Enzymes	Immunoturbidimetry	Others	ISE
Albumin	Calcium	Cholesterol	Alkaline Phosphatase	IgG / IgA / IgM	Microprotein	Sodium
Bilirubin- Direct	Chloride	HDL Direct	Amylase	Apo A1 / Apo B	Controls	Potassium
Bilirubin- Total	Magnesium	LDL Direct	CK / CK-MB	C3 / C4	Calibrators	Chloride
Creatinine	Phosphorous	Triglycerides	GGT	ASO / CRP / RF	Standards	Lithium
Glucose			SGOT (AST)	Micro Albumin		
Total Protein			SGPT (ALT)	Lipoprotein (a)		
Urea / Uric Acid			LDH-P	Ferritin		

And Many More . . .