TECHNICAL SPECIFICATIONS*

System	:	Automated, Discrete, Random Access, Patient Prioritised, Clinical Chemistry Analyzer
Throughput	:	600 Tests / Hour with ISE & 360 Photometric Tests / Hour
On-line tests	:	Maximum 50 + 4 ISE options (*optional ISE with Na^+, K^+, Cl^-, Li^+)
Programmable Parameters & Auxiliary data storage	:	Unlimited Photometric Tests and calculation items, Serum Indices & 3/4 ISE tests (Na, K, Cl, Li), Unlimited data storage and results
Sample Type	:	Serum, Plasma, Urine, CSF, HbA1c using Whole Blood*
Assay modes	:	1 - Point, 2 - Point, Rate - A & Rate - B
Calibration	:	Linear, Non-linear, Multipoint
Sample tray	:	Outer ring : 50 positions for patient samples, including 5 positions for STAT Inner ring : 20 positions for Standards, 2 Blanks, 8 Controls & 2 ISE solutions
Sample cups	:	Primary tubes of 5, 7 or 10 ml & Sample cups
Barcode reader (optional)	:	Both for sample and reagent trays
Reagent tray	:	Peltier cooled with 50 positions
Reagent pipetting	:	10-300 µl, steps of 1 µl. Possibility of 1 or 2 reagent tests
Sample pipetting	:	2-70 µl steps of 0.1 µl
Reagent bottles	:	20 ml, 50 ml & Special adapter for 5 ml bottles
Reaction disk	:	60 Permanent Individual Hard Glass Cuvettes
Photometry	:	Mono & Bi-chromatic Measurements with Multi-wavelength diffraction grating with 12 wavelength options (340, 376, 415, 450, 480, 505, 546, 570, 600, 660, 700 & 750 nm)
Absorbance Range	:	0-3.0 Absorbance
Reading Volume	:	200 µl
System Interface	:	Analyzer - PC: RS-232C Serial Port; PC -Printer: USB
Power Supply	:	110/220 V +/- 10%, 50/60 Hz, 1.5 KVA
PC Configuration	:	OS-Windows 7 embedded or higher, CPU -P4 or higher, RAM 2GB, HDD - 80GB, USB connectivity.
Ambient Operating temperature	:	20-30^0 C
Ambient Operating Humidity	:	20-85% Non condensing
Water consumption	:	Upto 10 ltrs per hour
Hibernate	:	Enhances Lamp life and Pump life
Dimension	:	840 (W) x 610(D) x 1100 (H) mm
Weight	:	Max. 150 kgs. (Main unit with CPU)

* Using onboard lyse features supported by XL-600

* Specifications subject to change without prior notice

ERBA Diagnostics Mannheim GmbH
Mallaustrasse 69-73 68219 Mannheim, Germany
Telephone : (+49) 621 8799770 Fax : (+49) 621 8799688
Email : sales@erbamannheim.com Website : www.erbamannheim.com

CE

ver 1.0/2015

XL-600

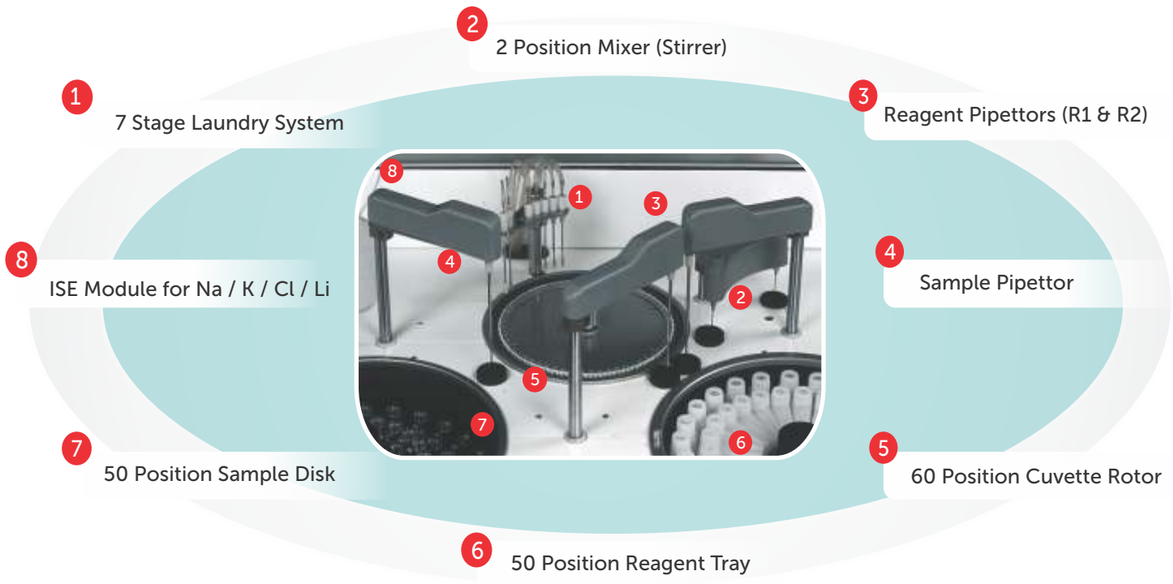
Erba® Mannheim

Fully Automated Random Access Clinical Chemistry Analyzer

XL-600 ...The Chemistry Analyzers for Today's Laboratory.....

Product Features

- Throughput upto 600 test/hour with ISE and 360 Photometric tests / hour
- Permanent hard glass cuvettes
- Direct ISE measurement for Na / K / Cl / Li
- Cooled reagent tray to hold 50 barcoded bottles
- Probes with Vertical Obstruction Detection facility
- Primary tubes sampling with barcoding
- Economical 200 µl reagent consumption / test
- Capability to perform 2 reagent tests



Sample Disk

Flexibility and Convenience

- Specially designed "Twin layered" sample disk provides unmatched flexibility and convenience.
- Sample disk accommodates standard tubes of 5, 7 or 10ml & sample cups.

Reagent Tray

Wide Choice of on-board tests

- Offers a wide choice of 50 different on-board tests.
- Wide choice of on board reagents which are cooled to ensure extended stability.
- Eliminates the need for sample splitting and cuts down turn around time of reporting.

Economy

Quick Returns without compromise

- Uses permanent individual hard glass cuvettes,
- Eliminates recurring costs associated with disposable cuvettes.
- Reagent consumption of 200 µl / test, maximizes the number of tests per reagent bottle.
- De-ionized water consumption of just 8 ltrs / hour Saves pre-installation costs of on line de-ionizer plant.

Barcode....

Positive Identification

- Barcoded reagents and sample identification minimizes programming time.
- Barcoded sample tubes provide positive sample identification and minimize risk of biological hazards.

Optical System....

Ensures reliability of results

- Uses high resolution, flat filed, optically corrected diffraction grating to ensure high degree of photometric accuracy.
- User can select from 12 available wavelengths, between 340 - 750 nm to cover all clinical chemistry applications.
- Long life light source, diffraction grating and diode array detector completes the photometric.