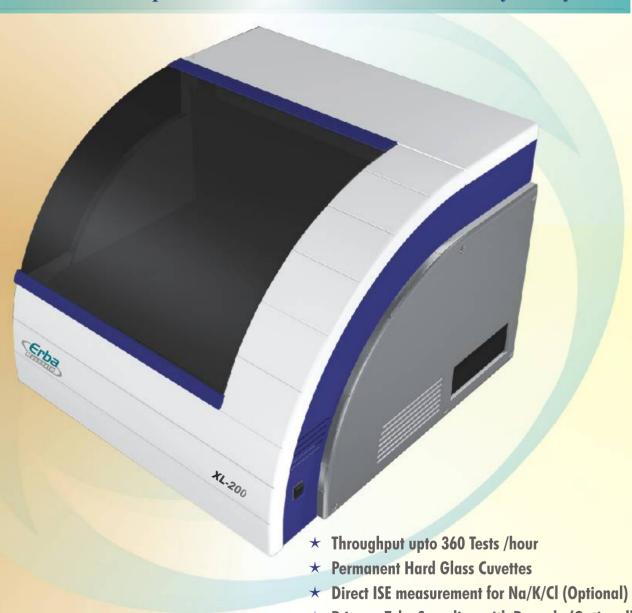


## XL-200

## THE IDEAL WORKHORSE FOR YOUR LABORATORY

**Automated Bench Top Random Access Clinical Chemistry Analyzer** 



- ★ Primary Tube Sampling with Barcode (Optional)
- **★** Cooled Reagent Tray with 50 on board positions
- ★ Probes with Vertical Obstruction Detection facility
- **★ Dual Reagent Compatibility**
- **★ Low Reagent/Test consumption**
- **★ Extensive Quality Control Menu**



## **Technical Specifications:**

System type: Automated, Discrete, Bench Top random access Clinical Chemistry System

Throughput: 360 tests per hour (with ISE) / 200 biochemistry tests per hour (without ISE)

On board tests: 47 items Max

Programmable : Parameters

96 photometric tests, 40 calculation items

Analytical Methods: 1-Point, 2-Point, Rate-A, Rate-B, Direct Potentiometry (ISE)

Calibration: Linear, Non-Linear, Multi Point

Sample Disk: Outer ring: 15 positions for routine patient samples

Middle ring:15 positions for routine patient samples (including 5 positions for STAT)

Inner ring: 9 Positions for blanks, controls, standards & ISE solutions

**Sample Pipetting**: 2-70 ul (adjustable in 0.2 ul step)

Sample Tubes / Cups: Primary tubes of 5, 7, 10 ml and sample cups

Barcode Reader:

(optional)

Both for Sample and Reagent trays

Reagent Tray: Cooled with 25 positions for 20ml bottles and 25 positions for 50ml bottles (Total 50

positions of which 3 positions are reserved for diluents and wash solution)

**Reagent Pipetting:** Reagent 1: 50 – 300 ul (adjustable in 1 ul step)

Reagent 2: 0 or 10 – 200 ul (adjustable in 1 ul step)

**Reaction Tray:** 45 Hard Glass Cuvettes maintained at  $37 \pm 0.2$  °C

Reading Volume: 200 ul

**Quality control:** Levy Jennings Quality control program

Utility programs: Detergent / Reagent Wash, Probe Wash, Cuvette Skipping, & Forbidden Pairs.

**Photometry:** Monochromatic and Bi-chromatic measurements with 8 filters; 340, 405, 450, 505,

546, 578, 630, and 670 nm

**Absorbance range:** 0 - 2.5 Abs

Light source: Halogen lamp (12V/20W)

Detector: Static, Silicon photo-diodes

Water Consumption: Upto 6 Itrs per hour

System interface: RS-232C bi-directional for a Pentium IV or higher PC Interface

**Power Requirement :** AC 110 V ± 10%, 60 ± 1 Hz or AC 220 V ± 10%, 50 ±1 Hz (factory set) / 600 VA

(excluding PC/Printer/Monitor)

Dimensions: Approximately 700 mm (W) x 700 mm (D) x 550 mm (H)

Weight: Approximately 110 kg

Note: Above Specifications subject to change without prior notice

## **ERBA diagnostics Mannheim GmbH**



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