

LINEAR

Fully Automated  
Chemistry Analyzer

KROMA



# KROMA

## Fully Automated Chemistry Analyzer

Bench Top fully automated random access Analyzer throughput up to 150 tests/hour (up to 250 tests/hour w/ISE)

Automatic washing station cuvettes

Positive samples and reagents identification with Bar code reader integrated and On-board reagent refrigeration

It uses clear and easy-to-navigate graphical user interface providing fast guidance and easy access to all functions

### Sample of Test Menu

Enzymes	ALT ChE Li	AST ADA	ALP γ-GT	ACP CK	α-AMY Lip	LDH NAC
Substrates	TG Glu Alb	TChol Hb TBIL	HDL Cholesterol UREA DBIL	LDL Cholesterol CR UA	TP	
Electrolytes	Na Fe	K UIBC	Cl	Ca	Mg	P
Specific Proteins	ASO IgG FERR	C3 Microalbumin A1Gly	C4	CRP RF	IgA TF	IgM us-CRP
Others	HbA1c		i-FOB			

- 150 photometric tests per hour, up to 250 tests per hour with integrated ise module.
- Ise module integrated for: Na+, K+, Li+, Cl- in serum, plasma and diluted urine.
- Up to 20 parameters on line.
- Mono, double, triple reagents method.
- 15 sample positions.
- Primary tubes (Ø12÷13mm 75/100mm), sample cups (3ml).
- 9 calibrator positions with linear/non linear calibration curve up to 8 points auto diluted (linear regression, linear piece-wise, cubic spline, polynomial).
- 3 control positions with Levy-Jennings plot.
- Bar-code reader integrated for samples and reagents.
- Arm equipped with liquid level detector (capacitive), shock sensor, pre-heater system.
- High Precision Micro-metering pump to dispense reagents and samples (no syringe).
- Reagent volume: 180÷400 microliters.
- Sample volume : 1÷100 microliters.
- Typical reaction volume 200 microliters.
- Wavelengths on-board: 8 from 340nm to 700nm plus one position free.
- Light source: Long life halogen lamp (2000 hours).
- Photometric linearity: 0÷3.0 OD.
- Reading cuvette: 80 on-board re-washable made in Bionex™.
- Cuvette washing: automatic washing station.
- Water consumption: 2 liters per hour.
- Reagent cooler: 14°C below ambient temperature.
- L.I.S.: Bi-directional connection.
- Operative system: Windows™ XP

Distributed by:  
*Distribuido por:*

# LINEAR

### Linear Chemicals sl

Joaquim Costa, 18 pl.2  
08390 Montgat • Spain

tel. +34 934 694 990 • fax. +34 934 693 435  
e-mail: [info@linear.es](mailto:info@linear.es) [www.linear.es](http://www.linear.es)