

LINEAR

**Fully Automated
Chemistry Analyzer**

KROMA PLUS



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Fully Automated Chemistry Analyzer

Bench Top fully automated random access Analyzer throughput up to 240 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

Cap-Piercing capability

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

- 240 photometric tests per hour, up to 360 tests per hour with integrated ise module.
- Optional Ise module integrated for: Na+, K+, Li+, Cl- in serum, plasma and diluted urine.
- Up to 35 reagents on-board.
- Mono, double, triple reagents method.
- 49 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™

Distributed by:
Distribuido por:

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Linear Chemicals sl
Joaquim Costa, 18 pl.2
08390 Montgat - Spain
tel. +34 934 694 990
e-mail: info@linear.es

www.linear.es