

balio

diagnostics



EX SERIES

A complete range of electrolyte analyzers.



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- ⊕ 4 different models
- ⊕ Automatic and Manual calibrations
- ⊕ Upgradable instruments
- ⊕ Electrodes free of maintenance
- ⊕ Complete and perfect traceability
- ⊕ Unique autoloader in the worldwide market

Calibration Choice

EX Series range is made up of four different analyzers meeting the needs of each laboratory from small to medium ones. Two semi-automatic models offer the manual calibration, which is unique in the worldwide market and two automatic models offer automatic calibration.

Evolutive Instruments

Any combination of electrodes can be requested on demand. Indeed, it's possible to upgrade the analyzer by the addition of any of these electrode : Na, K, Cl, Ca, pH, Li. You can start with a basic model and make it evolutive !

Precision of the results

The acquisition card integrated on the electrodes allows high precision and reproducibility results. Indeed, it permits an immediate treatment of the analogical signals without any risk of interference.

A unique autoloader

The autoloader offers by the auto plus model is unique in the market. It offers 40 positions, accepts primary, paediatric and capsule tubes, detects sample volume as well as abnormal values with an optional internal and external barcode.



Semi Basic Model



Semi Plus Model



Auto Basic Model



Auto Plus Model

EX SERIES

SEMIAUTOMATIC

AUTOMATIC

Basic



Samples per day

Plus



Samples per day

Basic



Samples per day

Plus



Samples per day



Memory for sample result



Reagent Kit



Manual calibration



Fill port cleaning



Measurement time for Serum



Internal Battery (optional)



Graphic display with Touch Screen

Na⁺

K⁺

Cl⁻

Ca⁺⁺

Li⁺

pH

Expandable, up to 5 electrolytes simultaneously



Patient identification



Built in thermal printer



External barcode reader input



Real time clock



External keyboard input



Quick Guide on-screen



USB Output



Memory for samples results



Serial output (Rs232)

LIS

connection



Reagent Pack



Automatic calibration



Built in barcode reader (optional)



QC feature



Autosampler

EX SERIES

TECHNICAL SPECIFICATIONS

	Suggested model according to the samples per day usage			
	1 to 10 Semiautomatic Basic	10 to 20 Semiautomatic Plus	20 to 50 Automatic	more than 50 Automatic Plus
Samples per day usage				
Model				
Sample Type	Whole blood, Serum, Plasma, Urine and other biological substances			
Manual sample load	From Syringe, Tube or capillary with intelligent positioning			
Automatic sample load with level detection	No	No	No	Up to 40 primary adult/pediatric tubes and/or cups
Sample volume	From 40 uL for Na ⁺ K ⁺	From 40 uL for Na ⁺ K ⁺	From 40 uL for Na ⁺ K ⁺	From 40 uL for Na ⁺ K ⁺
Expandable, up to 5 electrolytes simultaneously	Yes	Yes	Yes	Yes
Electrodes ISE, digital, maintenance free	Yes	Yes	Yes	Yes
Measurement time for Serum	Less than 60 seconds including rinse, 1 point calibration and printed report			
Throughput	60 samples per hour			
Patient identification, alphanumeric, up to 20 characters	Yes	Yes	Yes	Yes
Graphic display with Touch Screen	Yes	Yes	Yes	Yes
Consumables	Kit containing Calibrating, rinsing solutions		PACK containing Calibrating, rinsing solutions and waste container	
Calibration	Semi Automatic, programable and under demand		Automatic, programable and under demand	
USB Output	No	Yes	Yes	Yes
External barcode reader input	No	Yes	Yes	Yes
External keyboard input	No	Yes	Yes	Yes
Serial output (RS232)	No	Yes	Yes	Yes
Real time clock	No	Yes	Yes	Yes
Memory for samples results	1	1000	1000	1000
Built in thermal printer	No	Yes	Yes	Yes
Automatic calibration and rinsing	No	No	Yes	Yes
Fill port cleaning	Yes	Yes	Yes	Yes
Built in barcode reader	No	No	Optional	Optional
Electrolytes availables	Na ⁺ K ⁺ Cl ⁻ Ca ⁺⁺ Li ⁺ pH	Na ⁺ K ⁺ Cl ⁻ Ca ⁺⁺ Li ⁺ pH	Na ⁺ K ⁺ Cl ⁻ Ca ⁺⁺ Li ⁺ pH	Na ⁺ K ⁺ Cl ⁻ Ca ⁺⁺ Li ⁺ pH
Multilingual	Yes	Yes	Yes	Yes
Internal Battery	Optional	Optional	Optional	Optional
Power supply, external, 110/220 Volts input	15 VDC Output 37,5 W	15 VDC Output 37,5 W	15 VDC Output 37,5 W	15 VDC Output 37,5 W
Weight	4,5 Kg	4,5 Kg	5,5 Kg	6,5 Kg
Dimensions	H 24 cm, W 16 cm, D 18 cm	H 24 cm, W 16 cm, D 18 cm	H 24 cm, W 16 cm, D 18 cm	H 24 cm, W 16 cm, D 18 cm (w/o autosampler)
QC feature, 3 levels including statistics	No	No	Yes	Yes
LIS connection	No	Yes	Yes	Yes



Your local distributor

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GMT SAS - Zone de Lana - Rue Muga - 64210 Arbonne - FRANCE

Tel. +33 5 59 03 19 88 - contact@baliodiagnostics.com - www.baliodiagnostics.com