

balio
diagnostics



EV SERIES

A complete range of veterinary electrolyte analyzers.



EV SERIES

TECHNICAL SPECIFICATIONS

- ✓ MANUAL & AUTOMATIC CALIBRATIONS
- ✓ EXPANDABLE UP TO 4 SIMULTANEOUS ELECTRODES, ON REQUEST IN ANY COMBINATION
- ✓ UP TO 7 DIFFERENT ANIMALS
- ✓ TOUCH SCREEN WITH GRAPHIC DISPLAY AND QUALITY CONTROL SOFTWARE

Samples per day usage	Suggested model according to the samples per day usage			
	1 to 10	10 to 20	20 to 50	more than 50
Model	Semiautomatic Basic	Semiautomatic Plus	Automatic	Automatic Plus
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 ⁺	Na ⁺ K ⁺ Cl ⁻ Ca ⁺⁺ Li ⁺	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	5 Kg	5 Kg	5 Kg	7 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 conection	No	Yes	Yes	Yes

Non contractual document. Specifications are subjected to change without prior notice.

