

Electrolyte Analyzers

DIESTRO 103 AP version 4 family

Feature

Compact & Powerful

from Semiautomatic to

- Fully Automatic

For Users with low, medium or
large number of samples

- Ion Selective Electrodes

- Digital and maintenance free

- Graphic display with touch screen

- LIS connection

- Quality control software



SEMI-AUTOMATIC

AUTOMATIC



Basic



Plus



Basic



Plus



SPECIFICATIONS

Suggested model according to the samples per day usage

Samples per day usage	1 to 10	10 to 20	20 to 50	more than 50
Model	Samlaautomatic Basic	Samlaautomatic Plus	Automatic	Automatic Pluss
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 tube and cups
Sample volume	From 40ul for Na+ K+	From 40ul for Na+ K+	From 40ul 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 50 seconds including rinse 1 Point calibration and printed report			
Throught put	60 samples per hour			
Patient identification,alphanumeric, up to 20 charachers	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
	No	Yes	Yes	Yes
External barcode reader 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	No	No
Fill port cleaning	Yes	Yes	Yes	Yes
Built in barcode reader	No	No	Optional	Optional
Electrolytes availables	Na ⁺ K ⁺ Cl ⁻ CA ⁺⁺ U ⁻ pH	Na ⁺ K ⁺ Cl ⁻ CA ⁺⁺ U ⁻ pH	Na+ K+ Cl- Ca++U+pH	Na+ K+ Cl- Ca++U+pH
Calculated parameters	Ca @pH 7.40	Ca @pH 7.40	Ca @pH 7.40	Ca @pH 7.40
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	5.5 kg
Dimensions	H 24cm, W 16cm, D 18cm	H 24cm, W 16cm, D 18cm	H 34 cm, W 16cm, D 18cm	H 34 cm, W 16cm, D 18cm
QC feature, 3 levels including statistics	No	No	Yes	Yes
LIS conection	No	No	Yes	Yes

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