

TECHNICAL SPECIFICATIONS

Principle	Ion selective Electrode ( ISE )
Sample Types	Serum, Plasma, Whole Blood, Urine, CSF
Parameters	Na <sup>+</sup> , K <sup>+</sup> , Cl <sup>-</sup> , Ca <sup>++</sup> & <sup>+</sup> Li <sup>+</sup>
Sample volume	≤ 90μL
Analysis Time	≤ 60 secs
Throughput	≤ 60 samples per hour
Calibration	Automatic Calibration : ·Two Point Calibration after 4 hrs or just before Sample analysis ·One Point Calibration with each sample analysis
Normal Ranges	User defined normal ranges for all sample types with flagging for abnormal samples
Data Management	Calibration History, Sample History and control history of last 30 days
Quality Control	Tri-Level Quality Control, with L J Plots of last 30 days
Display	5" color LCD with Touchscreen Display, Resolution: 480 x 272 pixels
Printer	Built-in 2" ( 48 mm ) thermal Printer, 42 characters wide
External Interface	USB ( Keyboard, Mouse )
Operating Temp.	15 to 35C°
Relative Humidity	5 to 85% non-condensing
Power Supply	100 to 240VAC 50/60 Hz
Dimensions	395mm x 260mm x 375mm
Weight   Sample Storage	7.5 Kg   100, 000

\* Optional Barcode reader available.

ISE – Tritrol

- Ready to use assayed control
- 3 different levels of concentrations – Low, Normal & High
- 1 year closed vial stability

Pack size Available : 13mL

- Aqueous control – Low, Normal & High ( Each of 3mL )
- Urine control – Normal & High ( Each of 1mL )
- IFS ( 1 X 2mL )



PLOT 9 NALUBUTU ROAD, RHODES PARK, LUSAKA-ZAMBIA  
CELL: +260973645647/0975842632  
EMAIL: sales@zamedidiag.com/ceo@zamedidiag.com

\*Specifications are subject to change without notice.



ACCURATE | RELIABLE | FRIENDLY INTERFACE

EL - 120

ELECTROLYTE  
ANALYZER

- Na<sup>+</sup> K<sup>+</sup> Cl<sup>-</sup>, Ca<sup>++</sup>, Li<sup>+</sup>
- Low Sample Volume
- Fast Sample Processing
- Low Cost per Test



www.erma.jp