

Erai VetLyte3400

ELECTROLYTE ANALYZER



Fast • Accurate • Multi-Sample

- Precise Measurement – Na⁺, K⁺, Cl⁻, iCa²⁺ & pH
- Ultra-Fast Analysis – ≤60 seconds, up to 60 samples/hour
- Multi-Sample Support – serum, plasma, whole blood & urine
- Automatic Calibration – tri-level QC & LJ plots
- Compact & Smart – touchscreen, built-in printer & USB connectivity

TECHNICAL SPECIFICATIONS

Principle	Direct Ion selective Electrode (ISE)												
Sample Types	Serum, Plasma, Whole Blood, Urine												
Measured Parameters	Na ⁺ , K ⁺ , Cl ⁻ , iCa ⁺⁺ , pH												
Calculated Parameters	TCa, nCa												
Result Volume	≤ 90 µL												
Analysis Time	≤ 60 secs												
Throughput	≤ 60 Samples per hour												
Sample Storage	10,000												
Calibration	Automatic Calibration : - User - defined two - point calibration interval - 4 hours/ 8 hours/ 12 hours - One Point Calibration with each sample analysis												
Species	Pet Animals : Dog, Cat Domestic Animals : Cattle, Buffalo, Pig, Horse, Goat, Sheep Laboratory Animals : Mouse, Rat, Guinea pig, Rabbit, Ferret, Primate (Programmable for other animal species)												
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 LJ Plots of last 30 days												
Display	5" colour LCD with Touchscreen Display, Resolution : 800 x 480 pixels												
Printer	Built - in 2" (48 mm) Thermal Printer, 42 characters wide												
External Interface	USB (Keyboard, Barcode reader, Pendrive, Mouse)												
Operating Temp.	15°C to 35°C												
Relative Humidity	5 to 85% non - condensing												
Power Supply	100 - 240V AC ±10%, 50/60Hz, 60W												
Dimensions	240mm (L) X 315mm (W) X 375mm (H)												
Net Weight	6Kg (Approx)												
Precision	<table border="1"><thead><tr><th>CV%-</th><th></th></tr></thead><tbody><tr><td>Na+</td><td>≤ 2%,</td></tr><tr><td>K+</td><td>≤ 2%,</td></tr><tr><td>Cl-</td><td>≤ 2%,</td></tr><tr><td>iCa++</td><td>≤ 3%,</td></tr><tr><td>pH</td><td>≤ 2%,</td></tr></tbody></table>	CV%-		Na+	≤ 2%,	K+	≤ 2%,	Cl-	≤ 2%,	iCa++	≤ 3%,	pH	≤ 2%,
CV%-													
Na+	≤ 2%,												
K+	≤ 2%,												
Cl-	≤ 2%,												
iCa++	≤ 3%,												
pH	≤ 2%,												



ISE - Tritrol



* Optional Barcode reader available

*Specifications are subject to change without the prior notice of manufacturer.



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