

# Erba Lyte<sup>®</sup>

## ISE Electrolyte Analyzer

### ....For Accurate & Convenient Critical Care Analysis

Touch Screen LCD

Long life electrodes

User Friendly Software

Onboard inventory  
management

Stand by mode

Visual icons for low  
reagent level

Low cost/test

Auto sampler (Optional)

Closed reagent cartridge  
to avoid contamination

Series of combinations  
available



## Technical Specifications\*

**Principle** : Direct measurement by Ion Selective Electrode (ISE)  
**Throughput** : 60 samples/hour  
**Sample Type** : Whole Blood, Serum, Plasma, Diluted Urine  
**Sample Volume** : 150ul  
**Measuring Range** :


Analyte	Measuring Range	Precision (CV%)
K <sup>+</sup>	0.50 – 15.0 mmol/L	1.0%
Na <sup>+</sup>	30.0 – 200 .0 mmol/L	1.0%
Cl	30.0 – 200 .0 mmol/L	1.0%
Ca <sup>++</sup>	0.10 – 5.00 mmol/L	2.0%
Li <sup>+</sup>	0.20 – 3.00 mmol/L	3.0%
pH	4.00 – 9.00 unit	1.0%


**Calibration** : 1point OR 2 point calibration at adjustable time interval  
**Data Input** : Touch Screen  
**Display** : Large LCD with backlight  
**Data Storage** : Upto 200 patient results  
**Printer** : Inbuilt Thermal Printer.  
**Quality Control** : Facility to run 2 level of Q.C Statistic report with Mean, SD & CV% for Daily or Monthly Q.C.

**Reagents** : Closed reagent module containing calibration solutions and waste chamber.

**Audible and Visual Alarms** : Beep sound for completion of sample aspiration.

Visual alarms for Reagent inventory:

 Icon indicates the remaining reagents can run about 150 samples.

 Icon indicates the remaining reagents can run about 20 samples.

 Icon indicates the reagents are run out.

Communication : RS 232 serial port  
 Ambient Temp. : 15 - 32°C  
 Relative Humidity : 85%  
 Voltage Input : AC 220 or 110V ± 10%, 50/60Hz  
 Power Consumption : 60W  
 Weight : 10Kg (instrument only)  
 Optional Accessories : Auto Sampler, Barcode Reader

### Series of Erba Lyte Models :

Product Code	Model Description
FINELEMI0001	<b>Erba Lyte</b> : Electrolyte analyzer with Na / K analytes
FINELEMI0002	<b>Erba Lyte Plus</b> : Electrolyte analyzer with Na/K/Cl analytes
FINELEMI0003	<b>Erba Lyte Li</b> : Electrolyte analyzer with Na/K/Li analytes
FINELEMI0004	<b>Erba Lyte Li +</b> : Electrolyte analyzer with Na/K/Cl/Li analytes
FINELEMI0005	<b>Erba Lyte Ca</b> : Electrolyte analyzer with Na/K/Ca/pH analytes
FINELEMI0006	<b>Erba Lyte Pro</b> : Electrolyte analyzer with Na/K/Cl/CO2 analytes
FINELEMI0007	<b>Erba Lyte Pro+</b> : Electrolyte analyzer with Na/K/Cl/Ca/CO2/pH analytes
FINELEMI0008	<b>Erba Lyte Ca+</b> : Electrolyte analyzer with Na/K/Cl./Ca/pH analytes
FINELEMI0021	<b>Auto Sampler</b>

\* Specifications are subject to change without prior notice.