

# Erba Lyte™

## 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\*

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

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%

<b>Calibration</b>	: 1point OR 2 point calibration at adjustable time interval
<b>Data Input</b>	: Touch Screen
<b>Display</b>	: Large LCD with backlight
<b>Data Storage</b>	: Upto 200 patient results
<b>Printer</b>	: Inbuilt Thermal Printer.
<b>Quality Control</b>	: Facility to run 2 level of Q.C Statistic report with Mean, SD & CV% for Daily or Monthly Q.C.
<b>Reagents</b>	: Closed reagent module containing calibration solutions and waste chamber.
<b>Audible and Visual Alarms</b>	: 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.
<b>Communication</b>	: RS 232 serial port
<b>Ambient Temp.</b>	: 15 - 32°C
<b>Relative Humidity</b>	: ≤ 85%
<b>Voltage Input</b>	: AC 220 or 110V ± 10%, 50/60Hz
<b>Power Consumption</b>	: 60W
<b>Weight</b>	: 10Kg (instrument only)
<b>Optional Accessories</b>	: Auto Sampler, Barcode Reader

### Series of Erba Lyte Models :

<b>Erba Lyte</b>	: Electrolyte analyzer with Na / K analytes
<b>Erba Lyte Plus</b>	: Electrolyte analyzer with Na/K/Cl analytes
<b>Erba Lyte Li</b>	: Electrolyte analyzer with Na/K/Li analytes
<b>Erba Lyte Li +</b>	: Electrolyte analyzer with Na/K/Cl/Li analytes
<b>Erba Lyte Ca</b>	: Electrolyte analyzer with Na/K/Ca/pH analytes
<b>Erba Lyte Pro</b>	: Electrolyte analyzer with Na/K/CO2/pH analytes

\* Specifications are subject to change without prior notice.