




## About Us

GCMED CORP. is a licensed and duly registered Corporation engaged in the marketing and distribution of highly technical medical products. It is wholly owned Filipino Distributing Corporation whose vision is to provide affordable and quality products and supply that would certainly be of assistance to the pharmaceutical needs of the nation and also engage in diagnostic laboratory equipment.

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# ELECTROLYTE ANALYZER ERMA EL-120



# ERMA EL - 120

## Electrolyte Analyzer

ERMA EL-120 is ideal for medium to high volume Laboratories and Hospitals. It offers reliable, automated sample handling and work flow efficiencies. It also allows measurement of specific ions, accurately and precisely. This supports fast diagnosis of critically ill patients and reduces the risks and patient discomfort associated with repeated sampling.

## Features

### Electrodes

- Electrodes are based on Ion Selective Principle
- Electrodes can be refilled.
- Long life and Assured Stability

### ISEPak

- Convenient to place ISEpak which contains reagents required for all parameters
- Integrated reagent Pack for testing of All Parameters
- In-Built Reagent Inventory Management Software

### Urine diluent and deproteinizer

- **Urine Diluent** : Used for the Dilution of Urine Samples to Quantitatively determine Urine Electrolytes.
- **Deproteinizer** : Used for the Cleaning and Maintenance of Electrolyte Analyzer



# Specifications

#### Principle

#### Sample Types

#### Parameters

#### Sample volume

#### Analysis Time

#### Throughput

#### Calibration

#### Normal Ranges

#### Data Management

#### Quality Control

#### Reagent Pack

#### Reagent status

#### Display

#### Printer

#### External Interface

#### Operating Temp.

#### Relative Humidity

#### Power Supply

#### Dimensions

#### Weight | Sample Storage

Ion selective Electrode (ISE)

Serum, Plasma, Whole Blood, Urine

Na<sup>+</sup>, K<sup>+</sup>, Cl<sup>-</sup> / Ca<sup>++</sup>

≤ 90 µL

≤ 60 secs

≤ 60 samples per hour

Automatic Calibration Two Point Calibration after 4 hrs or just before Sample Analysis ( whichever is longer) One point Calibration with each Sample Analysis

User defined normal ranges for all sample types with flagging for Abnormal samples

Calibration History, Sample History and Control History of last 30 days

Tri-Level Quality Control, with LJ Plots of last 30 days

Convenient, easy to place ISEPAK which contains reagents required for all Electrolyte Parameters

Tracks reagents consumption and provides alerts for low reagent volume

5" color LCD with Touchscreen Display, Resolution: 480 x 272 pixels

Built-in 2" (48 mm) Thermal Printer, 42 characters wide

USB (Keyboard, Mouse)

15 to 35° C

5 to 85% non-condensing

100 to 240 VAC 50/60 Hz

395 mm x 260 mm x 375 mm

7.5 Kg | 9999

## Precision

CV % -

Na<sup>+</sup>

≤ 2%,

K<sup>+</sup>

≤ 2%,

Cl<sup>-</sup>

≤ 2%,

iCa<sup>++</sup>

≤ 3%,

pH

≤ 2%,

