

Electrolyte Analyzer



K⁺

Cl⁻

Na⁺

Na⁺

K⁺

Na⁺

Na⁺

Cl⁻

K⁺

Cl⁻

K⁺

STAT ELECTROLYTE TESTING
was never so easy

Electrolyte Analyzer

For the estimation of Na⁺ / K⁺ / Cl⁻

Technical Specifications

Principle

Ion Selective Electrodes (ISE) based Direct Potentiometry - reference method

Cl⁻

Key Features

Automatic one point and two point calibration technology with additional manual calibration

On board reagent inventory

Automatic washing of sample needle - no cross interference

Automatic / manual sample needle movement

Non volatile memory - no loss of data in the event of power failure

Cl⁻

Na⁺

Sample types

Whole Blood, serum, plasma, CSF, urine, body fluids - varied sample types

K⁺

Sample Volume < 150µl

Reagent volume: 1.0ml - economical reagent use

Speed ≥ 60 sample determinations per hour - fast analysis time, excellent repeatability

Printer

Inbuilt thermal RS 232 interface

K⁺

- printout with reference values

Na⁺

Display - Large 240 X 128 LCD - convenient viewing

Memory ≥ 1000 patient results - Adequate memory

Working conditions

Temperature - 5°C - 40°C

Humidity ≤ 85 %

Dimensions - 30cm X 26cm X 36cm

Net weight- about 7.6kg

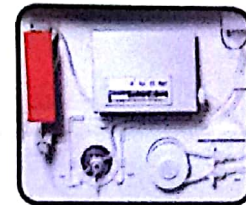
Power supply - 100- 240 V, 50/60 Hz

Na⁺



Measuring range and accuracy

Channel	Range	Resolution	CV%
Na+	20 ~ 200 mmol/L	0.1	< 1.0
K+	0.5 ~ 10.0 mmol/L	0.01	< 1.0
Cl-	20 ~ 200 mmol/L	0.1	< 1.0



Cl⁻

Cl⁻

For further details contact



TULIP DIAGNOSTICS (P) LTD.

Gitanjali, Tulip Block, Dr. Antonio Do Rego Bagh, Alto Santacruz, Bambolim Complex Post office, Goa - 403202, INDIA.
Tel.: (0832) 2458545-51 Fax: (0832) 2458544, E-mail: sales@tulipgroup.com, Website: http://www.tulipgroup.com.

K⁺

Electrolyte Analyzer from Tulip!