Coral | Clinical Systems

Elyte-5i®

A 5-Parameter Electrolyte Analyser



For the estimation of Na^+ / K^+ / Cl^- / Ca^+ / pH

Electrolyte Testing Made Easy

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TECHNICAL SPECIFICATION	
Principle	Ion Selective Electrodes (ISE) based on Direct Potentiometery.
Sample Type	Serum, Urine, Whole Blood and Plasma.
Throughput	Upto 120 samples/hour.
Reagent	All in one reagent pack consisting of Cal A, Cal B and Cleaning solution.
Sample Volume	65 - 150 µL.
Data Storage Capacity	1000 sample results.
Quality Control	Three level QC.
Calibration	Automatic/ Manual 1-point and 2-Point calibration option.
Display	Wide LCD Display (240×128).
Printer	Inbuilt thermal printer.
Power Requirement	100v-240 VAC; 50/60Hz.
Operating Environment	Temperature: 5˚C – 40˚C, Relative Humidity < 85%, Atmospheric pressure: 70kPa – 106kPa.
Dimensions	30 cms x 26 cms x 36 cms
Weight	7.6 Kg

MEASURING RANGE AND ACCURACY			
CHANNEL	**RANGE**	**RESOLUTION**	**CV%**
pH	6.00 - 9.00	0.01	<1.0
K^+	0.50 - 10.00 mmol/L	0.01	<1.0
Na^+	20.0 - 200.0 mmol/L	0.1	<1.0
Cl^-	20.0 - 200.0 mmol/L	0.1	<1.0
Ca^{++}	0.3 - 5.0 mmol/L	0.01	<1.5

For further information contact :

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E5LT03-21/VER-02

Size : 210mm W x 297mm H