



INTER BIO-LAB, INC.
Technology for the Future

ELECTROLYTES ANALYZER

Na⁺, K⁺, Cl⁻

Na⁺, K⁺, Cl⁻, Ca⁺⁺, pH



PRODUCT CHARACTERISTICS



Full sealing technology is used for all electrodes, avoid leakage effectively and improve stability and service life of electrode.



With RS232 and USB for connecting to computers, may connect scanning readers which with the corresponding interface.



Solenoid valves are used for controlling flow path, the failure rate of analyzers is reduced.



Add pilot lamp for sample position and liquid level, the liquid level of the reagent is visualized.



Air bubble detection function, eliminate air bubble automatically, reduces the risk of abnormal results.



Automatic flushing function, 24 hours on, meet emergency needs, automatic calibration for keeping the function of electrodes and analyzers.

Technical Specifications

Model	iQ-E60-3T	iQ-E60-5T
Measuring Item	K, Na, Cl	K, Na, Cl, Ca, pH
Calculated Item	--	nCa, TCa
Measuring	≤90 Seconds (Include Sampling and Flushing Time)	
Sample Size	160μL	
Data Storage	Yes	
Communication Interface	Yes	
Display	Colorful Touch Display	
Sampling Method	Manual or Automatic (Requires Autosampler. Sold Separately)	
Sample Pump Calibration	Yes	
Power Supply	~220V±22V or 110±11V, 50Hz±1Hz, 85VA	
Product Size	408mmx390mmx230mm	
Product Weight	7Kg(Without Automatic Sampler System)	
Measuring Method	Ion Selective Electrode Method	
Working Condition	Temperature: 15°C~30°C / Relative Humidity: ≤85%	
Autosampler	Total of 30 positions; 26 samples, 1 QC, 1 emergency, 1 washing	
Sample Material	Serum, Plasma, Whole Blood, Urine	
Calibration	Automatic or On Demand	
Printer	Build-in	
Alarms	Bubble Detection and Waste Liquid Overflow	

K⁺

Na⁺

Cl⁻

Ca⁺⁺

pH

*The pH is used just to calculate the nCa and TCa.



Colourful Touch Display

Colorful touch display, easy operation, provides users with a high quality operating experience.



Interface for Barcode Scanner

user may configure the barcode scanner according to the requirements, take the sample information directly, reduces the workload of manual input.



Auto-Sampler of 26 Positions



Original Test Tube for Sampling

The analyzer can use the original test tube for sampling directly to simplify the sampling processing, or can choose to use sample cup for sampling to meet different clinical requirements.



Quality Control Maps

With the function of quality control analysis data, master data through quality control statistics and quality control analysis simply and intuitively.



REAGENTS

- Built -in Reagents Size.
- Low Reagents Consumption.



MAINTENANCE SOLUTIONS

- Activation Solution.
- Deproteinization Solution.



THREE LEVEL QUALITY CONTROL KIT

- Abnormal Low
- Normal
- Abnormal High



ELECTRODES

- Long Life Electrodes.
- Sealed Electrodes.
- No Filling Solution Required.
- Exclusive Design and Technology.



The iQ-E60 features a compact design, reliability and affordable price ideal for small clinics.

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