



CLINICAL CHEMISTRY BIOSAYS™ 240 PLUS

Compact Design and
Cost Saving Automatic
Biochemistry Analyzer

Test Menu

- Cardiac
- Pancreatic
- Hepatic
- Electrolytes
- Lipids
- Renal
- Immune
- Anemia
- Inorganic Ion
- Diabetes
- Rheumatism



Distributed By:
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SNIBE Biossays™ 240 Plus Automatic Biochemistry Analyzer

Features & Advantages

- **Constant 240 tests/hour**, one of the fastest small size biochemistry systems with **100 µL** minimum reaction volume
- **Low water consumption** (≤ 2.0 - 3.0 Liters/Hour)
- High efficient washing station for cuvettes
- Random access, continuous loading
- Incorporated with liquid level sensor, volume tracking, collision detection and clot detection
- 24 hours refrigeration system with separate switch
- Unlimited STAT position
- **16 wavelengths** range from 340 nm-800 nm
- Automatic cuvette wash & cell blank check
- Real-time reagent levels monitoring, displaying and alerting function

SPECIFICATIONS

Equipment Type	Automatic discrete, unlimited STAT priority
Throughput	240 tests/hour
Measuring Principle	1-Point Endpoint, 2-Point Endpoint, 2-Point Rate, Rate A, ISE Technology
Calibration Options	1-Point Linear, 2-Point Linear, Multi-Point Linear, Non-Linear, K Factor
Sample Type	Serum; Plasma; Urine; Cerebrospinal Fluid (CSF)
Sample Volume	Biochemistry: 2.0 µL-35.0 µL; ISE: 90.0 µL
Sample Handling	Up to 90 sample positions, continuous loading, 24 hours refrigeration function with separate switch
Reagent Handling	Up to 90 reagent positions, continuous loading, 24 hours refrigeration function with separate switch
Reagent Volume	20 µL-350 µL
Reagent Bottle Volume	10 mL+30 mL, 50 mL
Reaction Time	12 min/32 min
Dispensing System	Sample & reagent probe with liquid level detection and clot detection
Wavelength	16 wavelengths , 340 nm, 380 nm, 405 nm, 450nm, 480 nm, 505 nm, 546 nm, 570 nm, 600 nm, 630 nm, 660 nm, 700 nm, 720 nm, 750 nm, 780 nm, 800 nm
Mixing System	1 independent stirring needle (coated with TEFLON)
Dilution	Auto-dilution
Power Supply	a.c.100 Vac-240 Vac, 50/60 Hz
Reaction Volume	100 µL-380 µL
Cuvette	80 optical plastic cuvettes, reusable, optical diameter is 5 mm
Light Source	20 W/12 V, halogen lamp, 2000 H
Water Consumption	Maximum 3.0 L/H (2.0 L/H; Single Reagent)
Weight	68 Kg
Dimension	L x W x H= 730 mm x 500 mm x 620 mm (28.74 in x 19.69 in x 24.41 in)



ELECTROLYTE ANALYSIS BIOSAYS™ E6

The Fully-Automatic Era of
Electrolyte Testing

- Na⁺
- K⁺
- Cl⁻
- iCa²⁺
- pH



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Fully-Automatic Electrolyte Analyzer

Equipped with Puncture Needle, No Need to Decap Before Testing

- The maximum anaerobic environment ensures the stability of Ionized Calcium levels and the accuracy of measurement
- Avoiding the biological hazards caused by decapping to protect clinical workers

High Throughput to Shorten TAT

- Up to 120 samples per hour

Connectable to Total Laboratory Automation System

- Fit customized needs from small laboratories to large laboratories

Fully Automatic Sample Loading and Information Reading

- 30 samples can be loaded in a single operation, supporting continuous loading
- Barcode scanner to automatically read sample information

User-Centric Design

- 12-inch color LCD touch screen, concise and intuitive design
- Drag-out ISE module and flip-type electrode replacement ensure convenient maintenance
- Intelligent design and maintenance-free

SPECIFICATIONS

BASIC INFORMATION	
Test Method	Ion Selective Electrode (Direct)
Sample Type	Serum
Sampling Volume	90 μ L
Test Method	Module temperature control prevents the interference of temperature changes and ensure the accuracy of Ionized Calcium measurement
Liquid Level Detection	Capacitive Liquid Level Detection
Software Platform	Android

CONFIGURATION	
Electrodes	5 electrodes as per request of any combination

EXTENDIBILITY	
LIS	Support LIS connection
Result Printing	Built-in thermal printer/Support connecting to external printer
Interface	2 USB, 1 COM, 1 LAN
Program Upgrade	Support online program upgrade

VISUALIZATION	
Data Statistics and Instrument Status Monitoring	Slope tracking chart, L-J quality control chart, X-barM (floating mean quality control) chart