



BA-21

Semi-Auto Biochemistry Analyzer

- ★ **Up To 250 Tests Can Be Programmed**
- ★ **7.0 " High Resolution Capacitive Touch Screen & Popup Keypad**
- ★ **Built-in Thermal Printer**
- ★ **USB For External Printer**
- ★ **Endpoint, Fixed-time, Kinetics And Absorbance**
- ★ **Wavelengths range 340 to 670nm**
- ★ **Universal Power Supply**
- ★ **External Keyboard And Mouse Support Via USB**
- ★ **Remote Desktop Control**
- ★ **Testing Modes : Flow Cell And Cuvette**
- ★ **User-friendly Interface**
- ★ **Power-failure Protection**

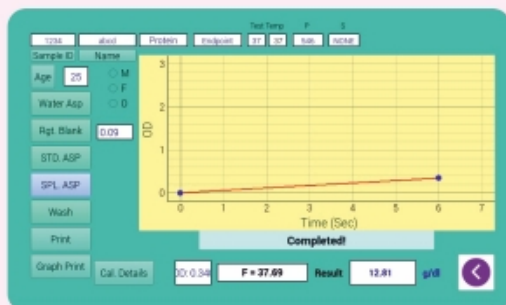


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Semi-Auto Biochemistry Analyzer

- Straight Forward Software Interface Easy To Get Started !
- Large LCD Touch-screen, Clear & User-friendly
- Three USB Ports for Keyboard, Mouse, Printer

- Simple Parameters Setup
- Quick Interchange Between 4 Temperature Options
- Support Bi-Chromatic Tests



- Multi-functional And Comprehensive Testing Panel Interface Display
- Real-time Monitor Of Reaction Curve/Data & Temperature Change
- Parameters can be Reviewed in Test Panel

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Semi-Auto Biochemistry Analyzer



- Customizable patient information
- Support K-factor programming
- Capable Of Adding O-system Test Results

Support two testing modes: Flowcell or Cuvette ; easy to shift between modes
Easy maintenance: remove black cover to change lamp



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Semi-Auto Biochemistry Analyzer

Technical Specifications:

Parameters

ALT, AST, ALP, ACP, GGT, α HBDH, LDH, CK, AMY.TG.TC, HDL-C, UA, UREA, Cr, Glu, TP, Alb, T-bil, D-Bil, TBA, NH₄⁺, HCO₃⁻, Ca, Mg, Cl, Na, K, apoAI, apoB, Lp (a) C3, C4, IgG, IgA, IgM, HbA1c, Alcohol, Amphetamines Barbiturates, Benzodiazepine etc.

Analysis Method

Endpoint, with or without reagent blank
Endpoint, with sample blank and reagent blank
Kinetics, with or without reagent blank
Two-point Kinetics/Fixed-time, with or without
Reagent Blank, Absorbance
Linear & Non-Linear Calibration
Concentration Calculation : By factor or by standard
Blanking : Water, Reagent, Serum

Light Source

Tungsten halogen Lamp 6V/10W

Wavelength Range

Automatic by 7- position filter wheel
7 standard filters with optional position :
340nm, 405nm, 510nm, 546nm
578nm, 630nm and 670nm
Stray light: < 0.1 % @ 340nm

Photometric Range

0~3.5 ABS
Stability: < 0.005A / 20min @ 340nm

Flowcell

Stainless steel with quartz window
Measuring volume: 32 μ L
Optical path: 10mm
Aspiration volume programmable: 250 μ L
to 520 μ L

Input

Capacitive touch screen with popup keypad
Mouse or Keyboard via USB

Temperature

Control By means of Peltier elements
Room temperature, 25°C, 30 °C and 37°C

Storage

More than 3000 sample results
More than 1000 QC results

Printer

Built -in thermal printer
Support HP & Canon Series with USB

Interface

Ethernet port
2 USB port (3.0) & 1 USB port (2. 0)

Operating Environment

Temperature :: 15°C~35°C
Humidity: 35 % ~85 %, no condensation

Power Requirement

Wide power supply: AC 100-240 V, 50 / 60 Hz

Dimension

380 x 330 mm x 180 mm (L x W x H)

Weight

5 Kg

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