



# Analyzer BAS-100

## Semi-Automatic Biochemistry Analyzer



BAS-100 is a new concept designed clinical chemistry analyzing system for biochemical research and clinical diagnostics: Powerful data process function makes it easy to perform data management and statistics: report may be in single test or with completed patient data, which will be convenient for clinical diagnostics. BAS-100 includes a suction pump system. This semi automatic biochemistry analyzer can measure all blood elements and print on built in printer as indicated in the features section. BAS-100 has a built in printer and flow through system to use up to 32ul and incubating system for 25-30-37 for kinetic test.

Labomed, Inc. is certified by ISO 9001-2000, has CE Conformity and is FDA Licensed.

### Features

- Microprocessor controlled
- Large LCD Display
- Temperature: 25, 30, 37C, Peltier elements
- Testing Method: End point kinetic, fixed kinetic and flow through system
- Programmable
- Wide continuous wavelength range.
- Built in flow through system
- Continuous Memory of 200 programs
- 110/220V Power source Compatible
- Kinetic test
- Built in printer

### Accessories

- Power cable
- Operation Manual
- Spare lamp
- 4 roll spare paper
- 1 waste liquid bottle
- 100 Disposable Cuvetts

### Technical Specifications

- Methods: End point, two points, multi standard, kinetics, bichromatic, serum blank
- Wavelength: From 300-800nm. free to choose.
- Wavelength Precision: +- 1.0nm.
- Wave of Band width: 5nm.
- Scanning Speed: 1000nm/min.
- Items: store 200 items, which can increase, modify and delete
- Reaction volume: 500ul
- Flow through cell: 32ul
- Temperature control System: 25°C, 30°C, 37°C controlled by peltier element
- Optical system: interferential filters, 340, 405, 492, 510, 546, 578, 620 (can increase to 9)
- Light source: 6V 10W halogen lamp
- Photometric range: 0-3-3.0 ABS
- Photometric approach: 0.003A.
- Absorbance Landslide: 0.00A.
- Printer: Incorporated
- Display: large LCD screen with back light
- Printer: built-in stylus/thermal printer
- Serial output: RS-232 standard
- Power supply: 220V 50Hz 150VA and 110V. 50/60Hz.
- Dimension: 390\*370\*180mm



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### Test Menu

- |               |            |                     |                  |                   |         |
|---------------|------------|---------------------|------------------|-------------------|---------|
| ● T. BILI     | ● R-GT/GGT | ● CHO               | ● Ca             | ● APDB-IB         | ● CHE   |
| ● D. BILI     | ● ALP/AKP  | ● TG                | ● CL             | ● APOB            | ● CREA  |
| ● TP          | ● UREA     | ● CK                | ● P              | ● CK-MB           | ● Mg    |
| ● ALB         | ● CREA     | ● LDH               | ● C              | ● ASO             | ● AFU   |
| ● Lactic Acid | ● ALT/GPT  | ● UA                | ● A-HBDH         | ● CO <sub>2</sub> | ● FMN   |
| ● LP (a)      | ● AST/GOT  | ● GLU               | ● AMY            | ● LOL-C           | ● HDL-C |
| ● CHE         | ● LA       | ● TBA               | ● ADA            | ● HS-CRP          | ● PA    |
| ● Fe          | ● Cu       | ● Zn                | ● C <sub>3</sub> | ● C <sub>4</sub>  | ● LgC   |
| ● LgM         | ● LgA      | ● And drug toxicity |                  |                   |         |