



Clinical Chemistry Analyzer BAS-100 TS

TOUCH SCREEN Semi-Automatic Biochemistry Analyzer

THIS BIOCHEMISTRY ANALYZER CAN TEST SAMPLES IN TWO WAYS, BY SUCTION PUMP OR BY CUVETTE ALONE



Spectro BAS-100 TOUCH SCREEN 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. Single chip machine, WindowsCE operating system, does not require Windows XP or Windows 7.

Features

- Microprocessor controlled
- 7.0 inch TFT Color touch screen, 800x480 pixels
- Silicon Photodiode Detector
- Testing Method: End point, fixed time, Kinetic, Bichromatic and Immunoturbidimetric
- USB Mouse; USB keypad; USB Printer
- Programmable
- Enzyme kinetic GPT GOT tests
- Wide continuous wavelength range
- Built-in printer, 57mm printer paper
- Built-in flow through system
- Window CE 6.0, high capacity storage, 200 assay program, 200000 results
- 110-240V, 50Hz or 60Hz
- Computer System is optional (NOT INCLUDED)
- Absorbance, concentration, factor, 1 point end point, 2 point end (Sample blank), fixed time, kinetic, and dichromatic, immunoturbidimetric. Coagulation (optional).

Accessories

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|-----------------|----------------------|---------------------|-------------------------|
| 1 Power Cable | 1 Waste Tube | 1 Lamp House | 1 Instruction Manual CD |
| 1 Power Adapter | 1 Aspiration Tube | 5 Clotting Cuvettes | |
| 1 Pump Cassette | 1 Printer Paper Roll | 1 Spare Tubing | |

Technical Specifications

Display:	7.0 inch TFT Color touch screen, 26000 pixel, 800x480 resolution, real time display	Vacuum system programmable 200 - 500 ul at least
Light Source: (long life)	6V 10W Halogen Lamp, 2000 hr. service life with auto shutdown	Assay method: Absorbance, concentration, factor, 1 point end point, 2 point end (Sample blank), fixed time, kinetic, and dichromatic, immunoturbidimetric. Coagulation (optional).
Wavelength: (5 years warranty for each filter)	Optics: 7 filters, 340, 405, 450, 505, 546, 578, 630.	USB Port: USB Mouse; USB keypad; USB Printer 4 USB Ports, Supports all HP series inkjet printers. Computer controlled software, LIS system available. External scanner available.
Absorbance Range:	0.0000-2.5000 (10mm flowcell) 0.0000-3.5000 (6mm flowcell)	Software: Supports remote diagnostics. Window CE 6.0, high capacity storage 200 assay program, 200000 results Unlimited storage by computer
Carry Over:	<1%	Operation Manual: Available in 4 different languages
Absorbance Precision:	0.0001Abs	Power Supply: 110-240V, 50Hz or 60Hz
Absorbance Drift:	<0.005Abs/hour	CPU: ARM Cortex-A8, 720MHz
Absorbance Repeatability:	CV<1%	Memory: DDR2 SDRAM: 1G bit, Flash: 256 MB Over 200 programs, 200,000 results can be stored
Incubation Temperature:	37 C, room temperature+0.1C	Operational Environment: Temperature: 10°~37°. Humidity: ≤85%.
QC Analysis:	L-J QC chart, Westguard multi-regulation analysis	Weight: 17 lbs. / 7.5 kg.
Built-in Thermal Printer:	Built-in Stylus/Thermal Printer, paper alarm, transparent cover, easy installation	Dimensions: 410mm (L) x 310mm (W) 155mm. (H)
Spectral Band:	< 8 nm	
Photometric Range:	0 - 3.5 Abs	
Stability:	<0.005Abs/hour	