

Semi-Automatic Clinical Chemistry Analyzer Analyzer BAS-100 TS



Assay method:	Absorbance, concentration, factor, 1 point end point, 2 point end (Sample blank), fixed time, kinetic, and dichromatic, immunoturbidimetric. Coagulation (optional).
Wave Length:	7 filters, 340, 405, 450, 505, 546, 578, 630 as standard configuration. (5 years warranty for each filter)
Light source :	6V 10W Long-life Tungsten halogen lamp. Service life 2000 hours. Light has auto shutdown function that will extend usage period. Auto-Sleep function.
Display:	7.0 inch TFT Color touch screen, 260000 Pixel, 800x480 resolution; real time to show response curve
Built-in Thermal Printer:	Built-in Thermal Printer, 57mm printer paper Paper alarm, transparent cover; easy installation
Incubation temperature :	37°C and room temperature are standby; temperature accuracy $\pm 0.1^{\circ}\text{C}$, by means of Peltier elements
Flow cell capacity and optical path:	32ul, 10mm
Resolution:	0.0001 Abs
Photometric Range:	0 – 3.5 Abs
Absorbance range :	0.0000-2.5000 (10mm flowcell) 0.0000-3.5000 (6mm flowcell)
Spectral Band :	< 8 nm
Vacuum system programmable:	200 – 5000 ul at least
Carry over :	<1% ;
Stability:	<0.005Abs/hour
Absorbance Precision:	0.0001Abs ;
Absorbance drift :	<0.005Abs/hour
Absorbance repeatability:	CV \leq 1%
QC analysis :	L-J QC chart , Westguard Multi-regulation analysis.
Software:	Window CE 6.0 operation system, high-capacity storage; edit 200 assay program, 200000 results Unlimited storage by connecting to computer. Single chip machine, does not require Windows XP or Windows 7.
Operation Manual:	Available in 4 different languages
CPU:	ARM Cortex-A8, 720MHz
Memory:	DDR2 SDRAM: 1G bit Flash: 256 MB Over 200 programs, 200,000 results can be stored
USB Port:	USB Mouse; USB keypad; USB Printer; 4 USB ports for Keyboard, Mouse, Printer, U Disk, Bar Code Reader. 1 USB Slave for PC connections (supports PC software control function). 1 Ethernet port. Supports all HP series inkjet printers; Computer control software, LIS system available. External scanner is available. Support remote diagnostics
Operational Environment :	Temperature: 10°C~37°C. Humidity: \leq 85%.
Power supply :	Wide power supply: 100-240V 50Hz or 60Hz.
Dimensions:	400mm (L) x 300mm (W) 160mm (H)
Weight:	17 lbs..