

Technical Specifications

System Function:	Fully automated, discrete, random access for routine,STAT, urine and homogeneous immuno assays	Reagent probe:	Liquid level detection, collision protection and inventory checking
Throughput:	800 tests/hour, up to 1200 tests/hour with ISE	Reaction System:	
Sample Handling:		Reaction volume:	100~360 μL
Sample tray:	440 positions including 25 cooling positions for calibrators and controls	Operating temperature:	37°C
Sample volume:	1.5~35 μL, step by 0.1 μL	Temperature fluctuation:	± 0.1°C
Sample probe:	Liquid level detection, clot detection and collision protection	Optical System:	
Internal Bar Code Reader (Optional):	Used for sample and reagent programming; applicable to various bar code systems including Codabar, ITF (Interleaved Two of Five), code128, code39, UPC/EAN, Code93; capable to communicate with LIS in a bidirectional mode	Light Source:	Halogen-tungsten lamp
ISE Module (Optional):	Indirect K ⁺ , Na ⁺ , Cl ⁻	Photometer:	Reversed optics, grating photometry
Reagent Handling:		Wavelength:	340 nm, 380 nm, 412 nm, 450 nm, 505 nm, 546 nm, 570 nm, 605 nm, 660 nm, 700 nm, 740 nm, 800 nm
Reagent tray:	120 positions in refrigerated compartment	Absorbance range:	0~3.2 Abs
Reagent volume:	15~300 μL, step by 0.5 μL	Control and Calibration:	
		Calibration mode:	Linear (one-point, two-point and multi-point), Logit-Log 4P, Logit-Log 5P, Spline, Exponential, Polynomial, Parabola
		Control rules:	Westgard multi-rule, Cumulative sum check, Twin plot
		Operation Unit:	
		Operation system:	Windows XP -Pro Embedded / SP2
		PC:	Touch screen (optional)

Test Menue for Winery Test

D-Glucose/D-Fructose	Acetaldehyde	Iron
Acetic acid	Sucrose	Primary amino nitrogen
L-Malic acid	D-Gluconic acid	Tartaric acid
L-Lactic acid	Ethanol	Copper
Ammoniacal nitrogen	D-Malic acid	Free SO2
L-Ascorbic acid	D-lactic acid	Anthocyan
Glycerol	D-glucose	
Citric acid	Total SO2	



BS-800M
Chemistry Analyzer



- Discrete, random access, fully automated chemistry analyzer
- 800 photometric tests per hour, up to 1200 tests per hour with indirect ISE
- 71 on board tests including 3 ions (Na⁺, K⁺, Cl⁻)
- 440 samples positions, including 25 cooling positions for calibrators and controls
- Minimum reaction volume of 100 μL
- Pyrex cuvettes with solid-heating system
- 8-step auto pre-heated washing system with residue less than 0.5 nL
- Innovative one-button STAT