

# 2000T/H Automatic Chemistry Analyzer BK-2000



## Features:

- \* 300 Sample positions.
- \* 250 Refrigerated reagent positions.
- \* 2000 Tests per hour, ISE is optional.
- \* Probe with anti-collision function, liquid level detection function.
- \* 432 Reaction cuvettes.
- \* Double focus, double aperture, holographic concave grating.
- \* Built-in sample barcode system.



**Reaction Tray**  
37±0.1°C,  
water bath.



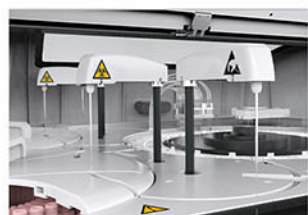
**Reagent Tray**  
2~8°C cooling for 24  
hours.



**Software**  
User-friendly software.



**Mixer Probe**  
Dual mixer, auto frequency  
adjustment.



**Sample/Reagent Probe**  
Liquid level sensor function.  
Anti-collision function.  
Sample volume real-time  
detection.



**Washing Probe**  
Dual design, high efficiency.

## Parameters:

Model		BK-2000
Overall Performance	Throughput	2000Tests/hour, ISE(Optional)
	Analysis Method	End-point, Fixed-time, Rate(Kinetic), Turbidimetry
	Certificates	CE, FDA, ISO9001, ISO14001, ISO13485
Sample & Reagent System	Sample Positions	300sample positions
	Reagent Position	250 reagent positions
	Sample Volume	1-35μL
	Reagent Volume	10-350μL
	Probe	Teflon coating,withanti-collision function,Liquid level detectionfunction
	Probe Washing	Automatic washing interior and exterior
	Reagent Cooling	Refrigerated tray with independent switch
Reaction System	Temperature Control	Water bath37±0.1°C, real-time monitoring
	Cuvettes	432 reusable cuvettes, optical length 5.5mm
	Mixer Probe	Independent stirring
	Washing	Automatic cuvettes washing
	STAT function	YES
Optical System	Light Source	12V/50W halogen lamp/ holographic concave grating
	Spectrophotometry	Post-spectral spectrophotometry
	Wavelength	16 wavelength from 340~850nm
Calibration & QC	Absorbance	0~3.5Abs
	Calibration	Linear: K factor, 1-point ,2-point and multipoint linear Non-Linear: Spline, Polygon, Index, Ogarithm, Logit-4P, Logit-5P
	Quality Control	Real-time QC, Westgard multi rule, Cumulative Sum Check, Twin Plot(2D)
Data Management	Software	Windows 7/8/10 , 32 or 64bit
	LIS System	Bi-direction, support HL7 protocol
	Interface	LAN port access
Working Conditions	Printer	External, multiple reporting mode available
	Power Supply	AC220V±10% 50/60Hz(Standard), 110V±10% 60Hz(Optional), 3000W
	Temperature	15~30°C(±2°C)
Size & Weight	Water Consumption	Deionized water: 80L/H
	Humidity	40~85%
	External Size (W*D*H)	Scheduling module: 972*1225*1495mm;Analysis module:1505*1225*1245mm
	Net Weight	Scheduling module: 160kg;Analysis module:500kg
	Package Size (W*D*H)	Scheduling module:1410*1350*1170mm;Analysis module:1685*1410*1460mm
	Gross Weight	Scheduling module: 235kg;Analysis module:600kg