

# 300T/H Automatic Chemistry Analyzer BK-310



### Features:

- ①. 49 sample positions.
- ②. 56 reagent positions.
- ③. 120 reaction cuvettes.
- ④. 300 tests per hour.
- ⑤. Probe with anti-collision function, liquid level detection function.

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**Reaction Tray**  
37±0.2°C,  
real-time monitor.



**Mixer Probe**  
Teflon coating to  
avoid cross contamination.



**Reagent Tray**  
2~12°C for  
24 hours.



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



**Washing Probe**  
Independent 3-step  
washing system.



**Software**  
User-friendly  
software.

### Parameters:

Model	BK-310	
Overall Performance	Throughput	300Tests/hour, ISE(Optional)
	Analysis Method	End-point, Fixed-time, Rate(Kinetic), Turbidimetry
	Certificates	CE, FDA, ISO9001, ISO14001, ISO13485
	System	Optional open or close system, continuous working for 24 hours
Sample & Reagent System	Sample Positions	49sample positions
	Reagent Position	56 reagent positions
	Sample Volume	2-70µL
	Reagent Volume	20-350µL
	Probe	With anti-collision function, liquid level detection function
Reaction System	Probe Washing	Automatic washing interior and exterior
	Reagent Cooling	2~12°C for 24 hours
	Temperature Control	37±0.2°C
	Cuvettes	120 reusable cuvettes
	Mixer Probe	Independent stirring, automatic frequency conversion
	Washing	Automatic cuvettes washing
	Optical System	Light Source
Spectrophotometry		Post-spectral spectrophotometry
Wavelength		340~700nm
Absorbance		0~3.0Abs
Calibration & QC	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)
	Software	Windows 7/8/10, 32or 64bit
Data Management	LIS System	Bi-direction, support HL7 protocol
	Interface	LAN port access
	Printer	External, multiple reporting mode available
Working Conditions	Power Supply	AC220V±10%, 50/60Hz(Standard), 110V±10% 60Hz(Optional), 350VA
	Temperature	15~30°C (±2°C)
	Water Consumption	Deionized water <5L/h
	Humidity	40~85%
Size & Weight	External Size (W*D*H)	873*585*500mm
	Net Weight	80kg
	Package Size (W*D*H)	1130*735*1040mm
	Gross Weight	125kg