400T/H Auto Chemistry Analyzer
BK-400

BIOBASE

Reaction Tray
37±0.1℃, real-time monitor.

Reagent Tray
2~8℃ cooling for 24 hours.

Software
User-friendly software.

Features:
①. 400 Tests per hour.
②. 90 Reagent positions.
③. 120 Reaction cuvettes.
④. Built-in sample barcode system optional.
⑤. 60 Sample positions (90 sample positions optional).
⑥. Probe with anti-collision function, liquid level dectection function.

Mixer Probe
Teflon coating to avoid cross contamination.

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

Washing Probe
Independent 7-step washing system.

Parameters:

Model		BK-400
Overall Performance	Throughput	400 Tests/hour
	Analysis Method	End-point, Fixed-time, Rate(Kinetic), Turbidimetry
	Certificates	CE, FDA, ISO9001, ISO14001, ISO13485
Sample & Reagent System	Sample Positions	60 or 90 sample positions, built-in barcode system available
	Reagent Positions	90 refrigerated reagent positions
	Sample Volume	2~70µl
	Reagent Volume	20~350µl
	Probe	Teflon coating, with anti-collision function, liquid level detection function
	Probe Washing	Automatic washing interior and exterior
	Reagent Cooling	Refrigerated tray with independent switch
Reaction System	Temperature Control	37±0.1℃, real-time monitoring
	Cuvettes	120 reusable cuvettes, optical length 6mm
	Mixer Probe	Independent stirring
	Washing	Automatic cuvettes washing
	STAT Function	YES
Optical System	Light Source	12V/30W halogen-tungsten lamp
	Spectrophotometry	Post-spectral spectrophotometry
	Wavelength	340, 405, 450, 480, 505, 546, 570, 600, 630, 700, 750, 800nm
	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)
Data Management	Software	Windows 7/8/10, 32 or 64 bit
	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, 110V±10% 60Hz, 500VA
	Temperature	10~30℃
	Water Consumption	Deionized water: 12L/H
	Humidity	30~80%
Size & Weight	External Size (W*D*H)	1167*780*1016mm
	Net Weight	193kg
	Package Size (W*D*H)	1348*928*1399mm
	Gross Weight	267kg