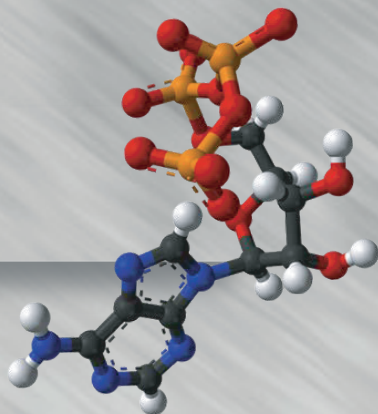




ES-BK200

Automatic
biochemistry analyzer

BIOCHEMISTRY



LABORATORY



ES-BK200

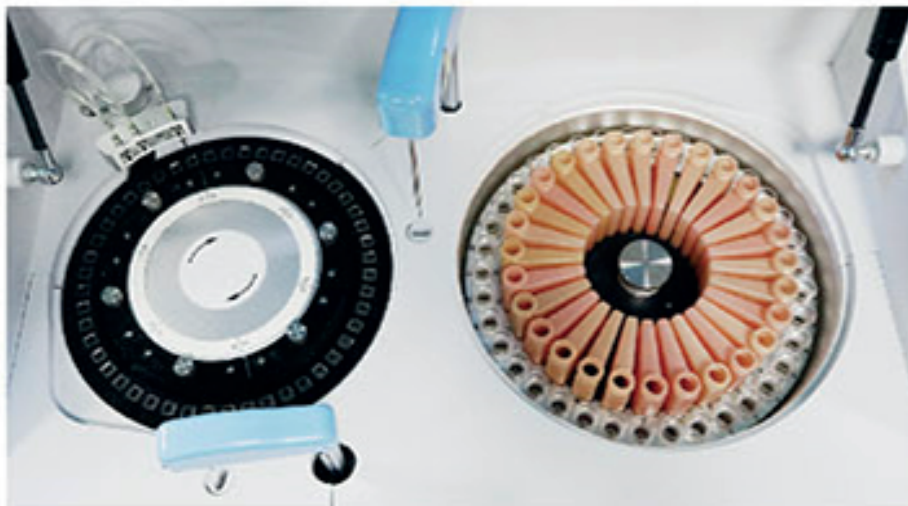
Automatic biochemistry analyzer

Features:

1. 37 Sample positions.
2. 28 Reagent positions.
3. 48 Reaction cuvettes.
4. 200 Tests per hour.
5. Probe anti-collision function, liquid level detection function.

Overall appearance:

One probe for reagents and samples;
One mixer; Washing probe.





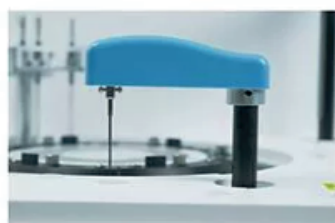
Reaction Tray
37±0.2°C,
real-time monitor.



Reagent Tray
Refrigerated tray with
independent switch.



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



Mixer Probe
Teflon coating to avoid
cross contamination.



Washing Probe
Independent 3 -step
washing system.



**Independent Power
Switch**





Technical Specifications

System Function	
Throughput	200 Tests/hour
Analysis method	End-point, Fixed-time, Rate (Kinetic)
Sample & Reagent system	
Sample positions	37 positions
Sample volume	2 ~ 70 µl
Reagent positions	28 reagent positions
Reagent volume	20~350µl
Probe	Teflon coating, with anti-collision function, liquid level detection function
Probe washing	Automatic washing both interior and exterior
Reagent cooling	Refrigerated tray with independent switch
Reaction system	
Temperature Control	37±0,2°C
Cuvettes	48 reusable cuvettes, optical lenght 6mm
Mixer Probe	Independent stirring
Washing	Automatic cuvettes washing
STAT Function	YES
Optical system	
Light source	10W/6V halogen lamp
Spectrophotometry	Post-spectral spectrophotometry
12 Wavelengths	340, 405, 450, 480, 505, 546, 570, 600, 630, 700, 750, 800nm
Absorption range	0~3.0 Abs
Calibration and QC	
Calibration method	Linear: K factor, 1-point, 2-point and multipoint linear
Quality Control	Real-time QC, Westgard multi rule, Cumulative sum check, Twin Plot (2D)
Data Management	
Software	Windows XP/ Windows 7
LIS System	Standard RS-232
Interface	Multi-language
Printer	External, multiple reporting mode available
Working conditions	
Power supply	AC220V±10%, 50/60Hz, 110V±10%, 6Hz, 300W
Temperature	15~30°C
Humidity	40-85%
Water consumption	Deionized water <5L/hour
Size & Weight	
External Size (W*D*H)	625*425*450mm
Net weight	36 kg
Package Size (W*D*H)	728*530*884mm
Gross weight	55 kg



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