

TECHNICAL SPECIFICATIONS

Model		
Throughput	tests/hour (without ISE)	tests/hour (without ISE) 390 tests/hour (with ISE)
Assay Type	Random access with direct reading system	
Methodology	End point, Kinetic, Fixed time, Immunoturbidimetry, Single wavelength, Bichromatic, Multi-standard, Reagent blank, Serum blank etc.	
Sample Volume	1-100ul, Equipped with high-precision diluter, 0.1ul/step	
Reagent Volume	1-500ul, 0.1ul/step	
Sample Position	50 positions. Including standard, control and STAT, either serum cup or primary tube available	
Reagent Position	47 positions: R1:26, R2:21	
Reagent/Sample Probe	With liquid level sensor, collision sensor, automatically detect reagent residue in reagent bottle	
Mixing System	One independent mixer	
Reaction Time	10 minutes	
Cuvette	90 high quality UV-transmitted plastic cuvettes, and quartz glass cuvettes available on request	
Washing	8 channels automatic washing system; waste liquid collected by high concentration and low concentration respectively; automatically dry cuvette; water consumption is 2-4L/H	
Alarm	Automatic alarm for malfunction(collision, reagent/sample insufficiency, full waste container etc.)	
Standard	Linear, Non-linear, Multi standard, K factor	
Sample Dilution/Retest	Sample can be diluted and retested if result is out of range or sample is insufficient	
Light Source	Halogen lamp	
Wavelength	330nm-850nm; standard equipped with 8 filters, 4 more filters available on request	
Absorbance Drift	≤0.002	
Measure range	-0.1000 ~ 3.500	
Temperature Drift	±0.1°C	
Carry Over	≤0.01%	
Precision		
Auto Blank Function	Auto zero setting and deduct/record blank value for each cuvette to ensure accurate result	
Emergency Test	Emergency sample test prior	
Reliable Accuracy	Equipped with automatically test error diagnosis and correcting, automatic maintenance etc.	
Control/Calibration	With patented auto control and calibration management functions	
Bar Code	Bar code(sample/reagent) available on request	
Data Storage	More than 5000 items and 2 million results can be edited and stored	
Software	Stronger and more convenient software with multiple languages	
Printer	Multiple report formats available	
Power Supply	220V or 110V, 50Hz or 60Hz	
Dimension	85x72x54(cm)	85x72x54(cm)
Weight	50.00kgs	52.00kgs

• OEM cooperation welcome.

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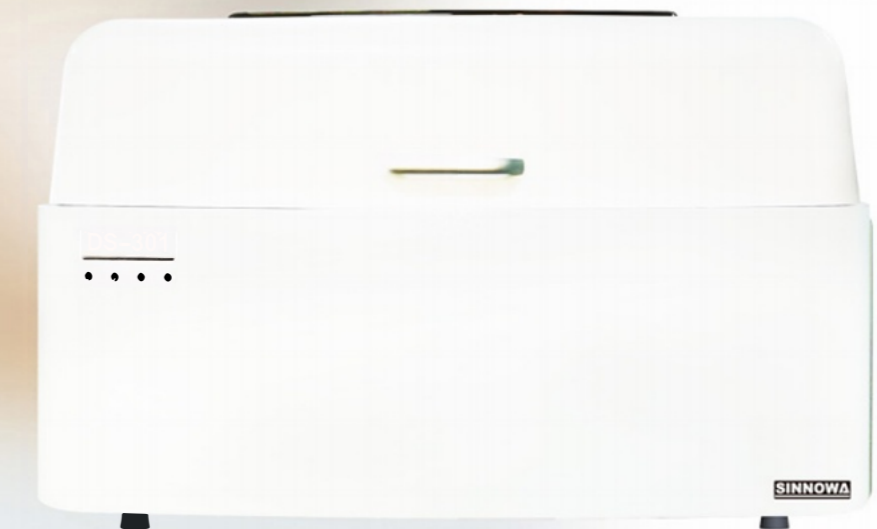
*Greatly improvement in performance, quality, software,
with innovative design and technology!*

Fully Automatic Biochemistry Analyzer

2023 NEW
VERSION!

Features and advantages:

1. With stronger and more convenient software;
2. Automatically test error correcting function(Patented);
3. Intelligent control and calibration management function(Patented), greatly improve QC and efficiency;
4. Innovative gas/bubble eliminator(Patented), effectively remove a bubbles in the water to ensure more accurate results;
5. Automatic maintenance function, greatly reduce failure rate and maintenance work;
6. Innovative probes of higher liquid detection sensitivity and greatly avoiding carry over;
7. Suitable for small and medium-sized medical institutions or specialized hospital, can be loaded with pet diagnosis software for veterinary clinics.



CE • ISO9001:2015 • ISO13485:2016 Certificated



Sample probe/Reagent probe

Automatically washing/maintenance and higher liquid detection sensitivity to ensure quite lower carry over.

Reagent tray/sample tray

47 reagent positions (R1:26, R2:21), 24 hour non-stop refrigeration; 50 samples position, serum cup or primary tube available on request.

8 channels automatic washing system

Adopt 8 channels automatic washing mode, wash cuvettes automatically, auto zero setting and deduct/record blank value for each cuvette.

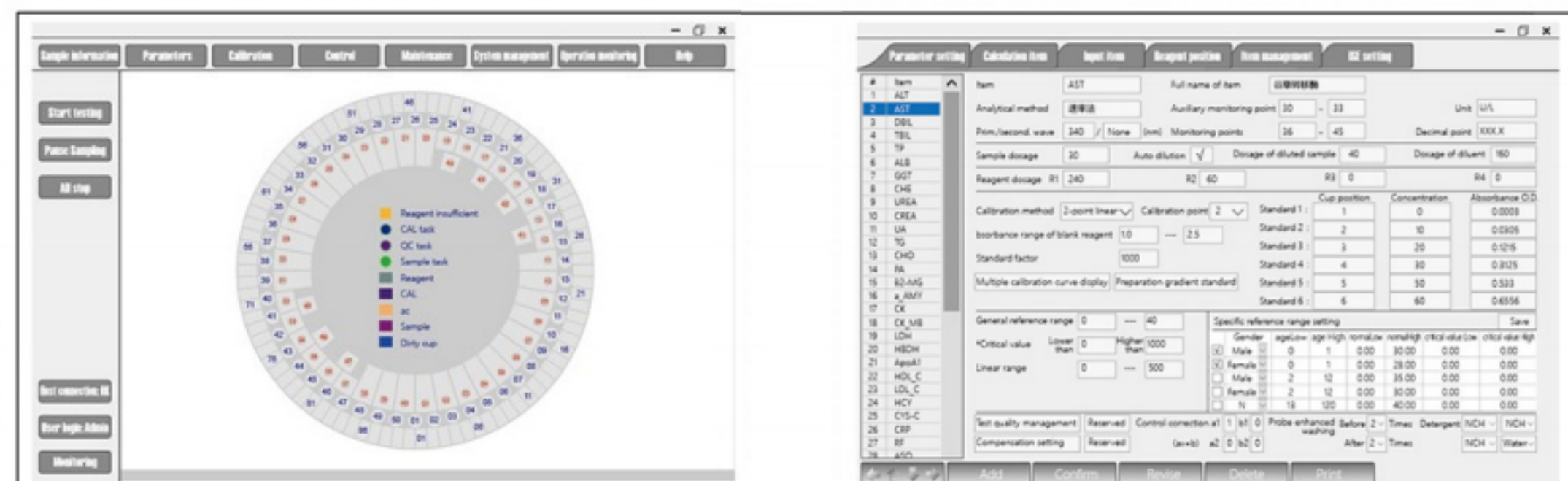
One independent mixer

Equip with automatic mixing system, which makes reaction more sufficient and result more accurate.

Reaction tray/cuvette

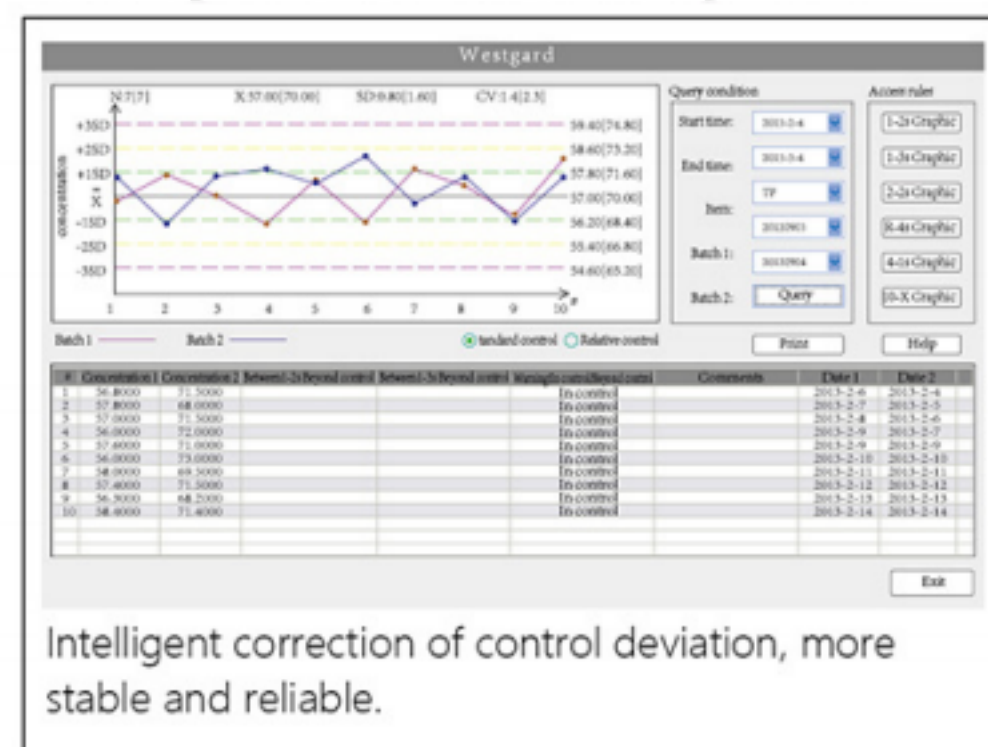
Adopt high quality UV-transmitted plastic cuvettes, reusable, lower consumption and lower cost.

User-friendly software and more perfect design



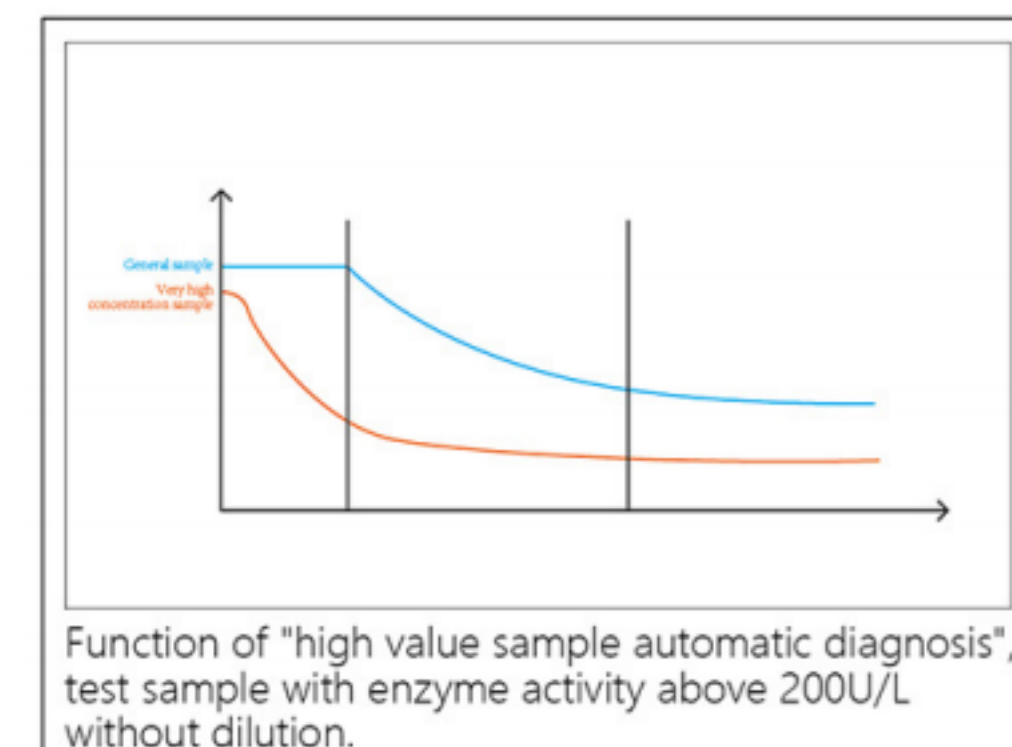
Software with AI function design to ensure device operation more reliable and efficient, reduce the difficulty of operation and maintenance, more convenient. Multiple languages available on request.

Intelligent control management



Intelligent correction of control deviation, more stable and reliable.

Example of intelligent automatic error correction function



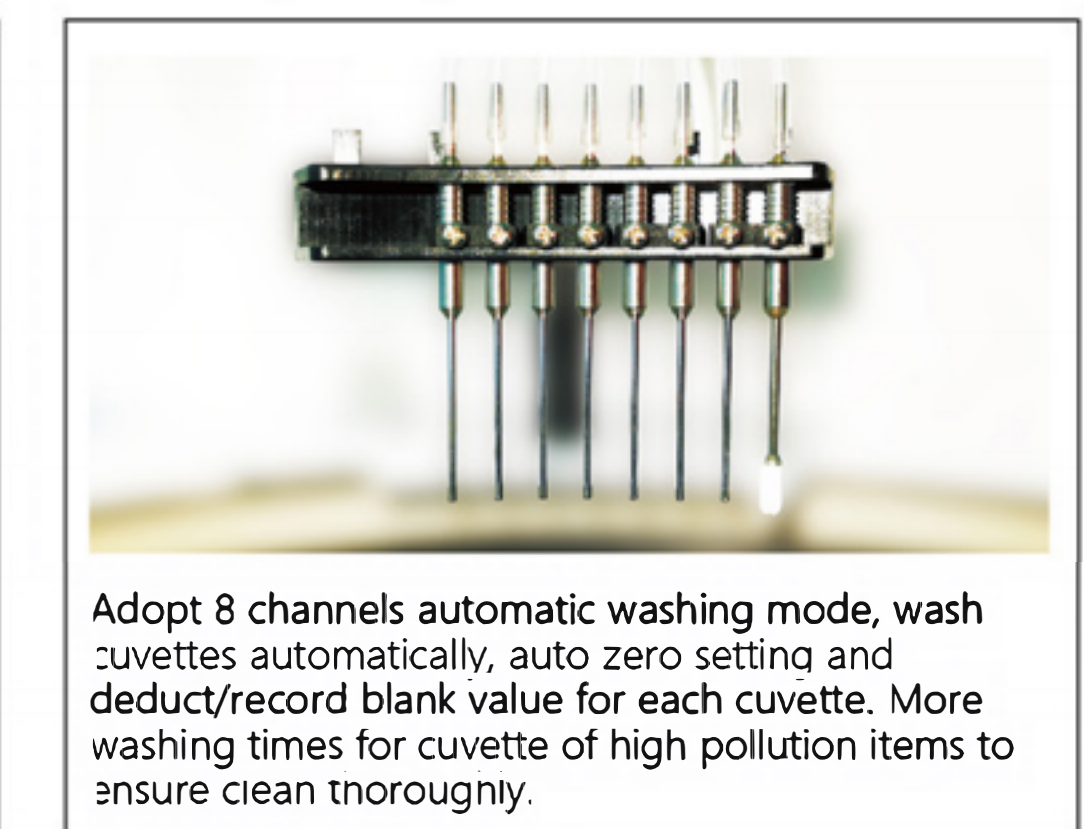
Function of "high value sample automatic diagnosis", test sample with enzyme activity above 200U/L without dilution.

Innovative and patented gas/bubble eliminator



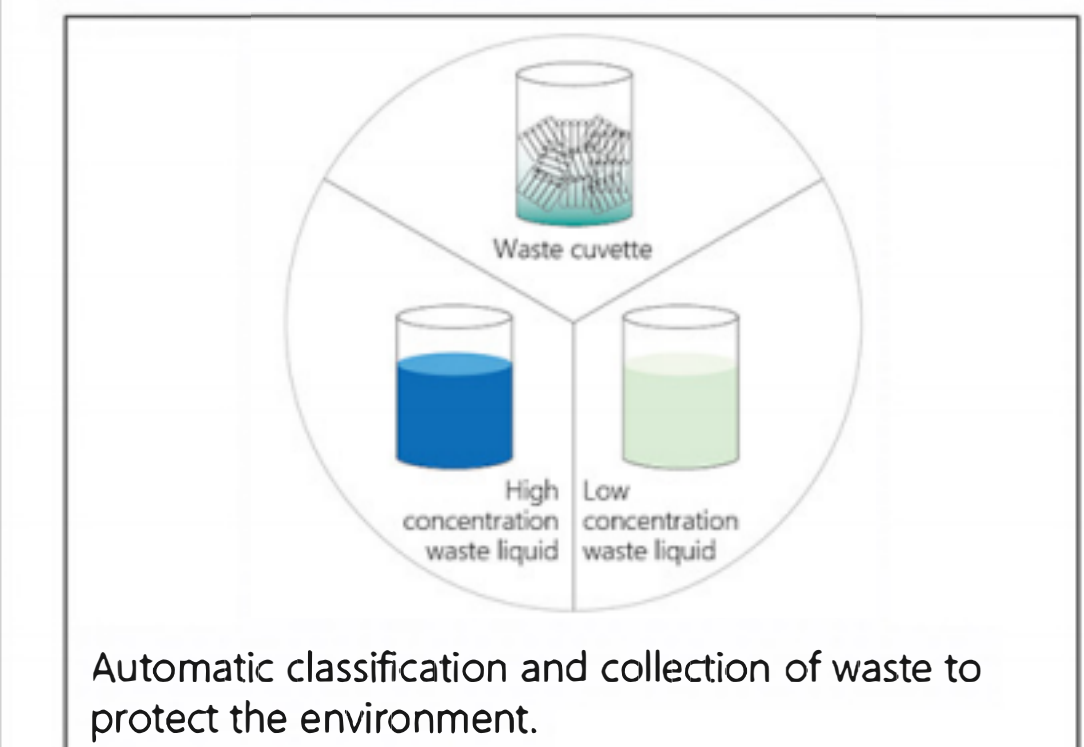
Effectively take out all bubbles in the water to ensure more accurate result (Patented, No.202122586012.5).

Advance and reliable automatic washing design



Adopt 8 channels automatic washing mode, wash cuvettes automatically, auto zero setting and deduct/record blank value for each cuvette. More washing times for cuvette of high pollution items to ensure clean thoroughly.

Green environmental protection design, in line with international standards



Automatic classification and collection of waste to protect the environment.