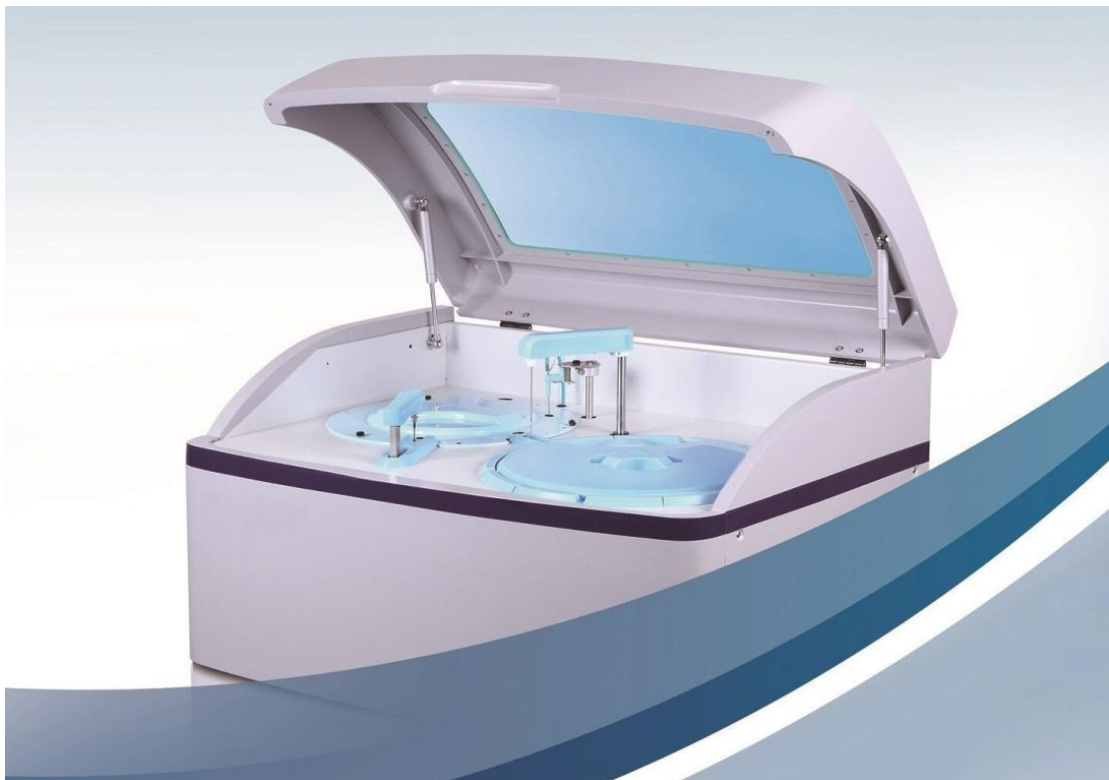
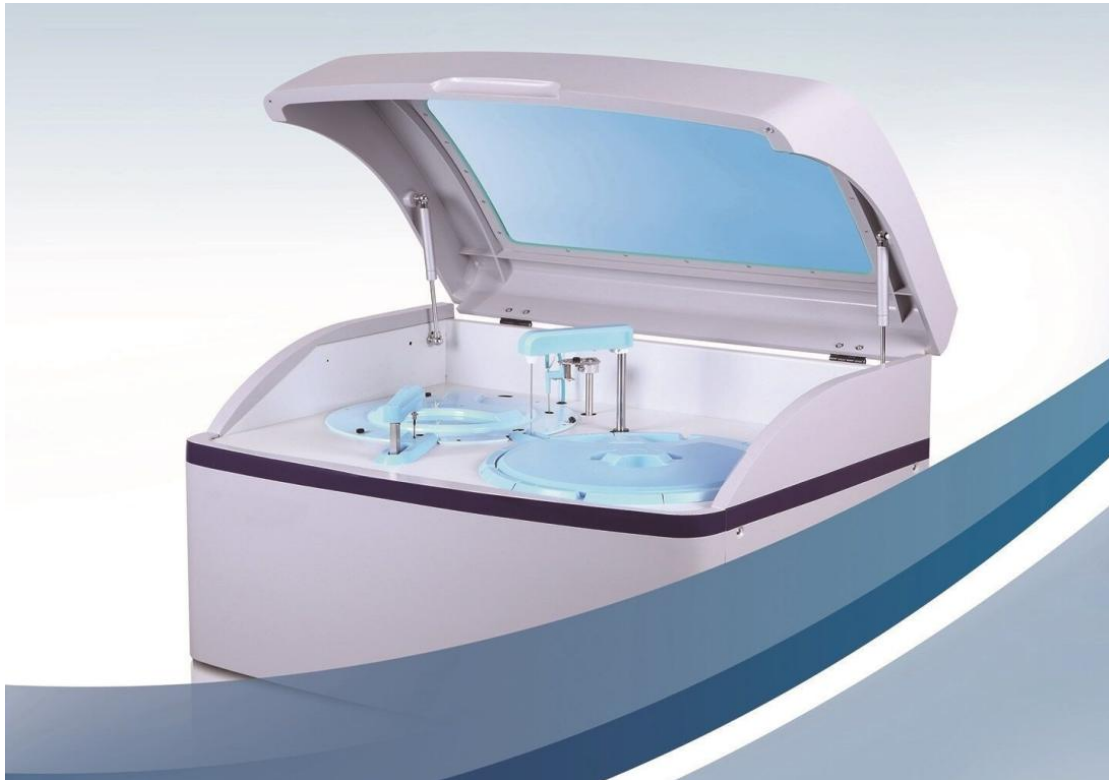




Laboratory Automatic Biochemistry Analyzer

YJ180





High End Full Automatic biochemistry analyzer

Specification: Throughput constant 180 T/h or 300T/h, best for middle or small size hospital Closed integrated photovoltaic systems, no mechanical parts, maintenance free Minimum reaction volume is 150ul, cost saving Discrete, random access, automatic Random choice of method, the real discrete automatic chemistry analyzer. This automatic chemistry analyzers have gained a lot of national patents during the researching.

Analyze Unit

1. Throughput: constant 180 T/h, 81 reaction cuvette positions, multi-channel testing together.
 2. Minimum reaction volume is 150 μ l, cost saving.
 3. Determined by the sample sequence, inserted at any time emergency.
 4. Heating method: Direct thermal solid thermostat closed.
- Optical Unit1. Closed integrated photovoltaic systems, no mechanical parts, maintenance free.
2. Light Source: Halogen-tungsten lamp;
 3. Lifetime $\geq$ 2000 h.
 4. 8 Wavelength, support single or dual wavelength.
- Reagent Unit1. 60 reagent positions.
2. Automatically detect the amount of reagent remaining, displayed in real time the remaining amount of reagent.
 3. 15ml, 20ml, 30ml, 50ml or 70ml reagent bottle. Dead volume < 1.0 ml.
 4. Support for single and double reagent, reagent completely open.
- Internal barcode reader (option).
- Sample Unit1. 60 sample positions.
2. Testing according setting, random access.
 3. Real time display of testing status.
 4. Internal barcode reader (option).
- Reagent/Sample handing Unit1. Intelligent liquid detection & collision protection (Red light: collision; Blue light: detection of the liquid).
2. Reagent volume: 2 ~ 500 μ l, step by 1 μ l .
 3. Probe cleaning: automatically washing for both inside and outside, carry over 0.1%.
 4. Automatically dilute and retest.
- Calibration and quality control Unit1. Linear curve type: Single-point linear, two-point linear and multi-point linear.
2. Nonlinear curve type: Logit-4p, Logit-5p, polynomial, factor.
 3. Automatically use best calibration curve and standard.
 4. Quality control chart: L-J, Westgard TwinPlot, Cumulative.
- Operation Unit 1. Operation system: Windows XP/Office 2000, interface is intuitive and operate it easily, arbitrary operating authority; No restrictions on the amount of time and storage, permanent preservation of various types of data, automatic storage and backup.



2. Can print the contents of any custom; Offers a variety of print formats.
 3. Help and operation guide on line in English.
 4. No restrictions on setting test parameters.
 5. Unique password for user management, rational allocation of user rights.
 6. Real time display of testing status, the remaining amount of reagent, testing status, reaction curve and the test progress.
 7. Real time display of reaction plate temperature.
- RS-232 standard interface, support for the hospital network, print reports remotely.

- Others:
1. Temperature: 10-30 degree
 2. Humidity: less than 70%.
 3. Try to avoid strong light.
 4. Floor level up: less than 1/200.
 5. Barometric: 86.0kPa-106.0kPa.
 6. Power Supply: AC 220V $\pm$ 22V 50Hz $\pm$ 1 Hz.
 7. Water consumption: less than 6L/h.
 8. Frequency: 50 VA.
 9. Dimension: 782mm $\times$ 581mm $\times$ 545mm
 10. Weight: 60kg

- Test projects:
1. ALT, AST, TP, ALB, TBIL, DBIL, ALP, r-GT, CHE, TBA, 5-NT
 2. UREA, CR, UA, TC02
 3. CHOL, TG, HDL, LDL, ApoA, ApoB, Lp(a)
 4. AMY, LIP
 5. GLU, GSP
 6. CK, CK-MB, a-HBDH, LDH, MB
 7. CRP, RF, ASO

Parameters:

Model	YJ-180	
Analyze Unit	Throughput	Up to Constant 200T/h (non-ISE)
	Theory	Absorption spectrometry, transmission turbidimetry
	Methodology	End-point \Fixed-time\Kinetic\Ion selective electrode
Test according set up, random access	Reaction plate	Contain 81 reaction cuvettes
	Maximum reaction time	15 minutes
	Minimum reaction volume	150 ul
	Material of cuvettes	Special UV-transparent optical glass
	Cuvettes use	Automatically cuvettes washing
Optical Unit	Light Source	Halogen-tungsten lamp
	Photometer	Reversed optics
	Wavelength	340nm-900nm wavelength option
	Absorption	0-4 Abs



Reagent Unit	Reagent plate	60 reagent positions ,support for single and double reagent, reagent completely open
	Reagent storage temperature	2~10 degree
	Reagent bottle	15ml, 20ml, 30ml, 50ml or 70ml ,dead volume is less than 1.0 ml
	Reagent volume	20-500 ul, step by 1.0 ul
	Reagent/Sample Probe	Automatically checked ;Patent technology liquid level detection;Collision protection probe cleaning:Automatic washing for both inside and outside.
Sample Unit	Sample plate	30 sample positions
	Sample type	Human (animal) serum \plasma\urine etc.
	Samples cup	Support one-off micro cups
	Sample volume	2-100 ul, step by 0.1 ul
	Sample/reagent probe	Automatically checked ;Patent technology liquid level detection;Collision protection probe cleaning:Automatic washing for both inside and outside.
Temperature control Unit	Heating method	Direct thermal solid thermostat closed
	Temperature equilibrium time	<3 minutes
	Reaction temperature	37 $\pm$ 0.1 degree
	Temperature fluctuation	$\pm$ 0.1 degree
Operation Unit	Software	WindowsXP \2000
	Database	SQL Server
	Data Storage	Automatic store & copy; No time and volume limit; Lifetime preservation
	Print format	Can be set up, offer several standard format
	Calibration mode	Linear curve type: Single-point linear, two-point linear and multi-point linear none linear; Curve type: Logistic-Log 4P,Logistic-Log5p,Spline,index automatically use best calibration curve and standard
	Quality control methods :	Real time, within day & between day
	Quality control diagram	L-J \cumulative\twin plot
	Status display	Real time monitoring of reagent residual volume .Running status of reagent tray, samples tray
	Adjustment	Dynamic and real time display of running status; Intelligent carry over settings to adjust test sequence; original reaction



		data record; Detail profile of alert messages
	Setting	Operation permission setting, Item setting, cross pollution setting, cuvette blank setting
Others	Water consumption : < 6L/h	Power Supply :AC 220V±22V 50Hz±1Hz
	Frequency :Maximum 600VA	Dimension :782mm×581mm×545mm
	Net Weight : 60kg	Accessory :Software

Note:We provides you with 12-24 months free repair guarantee for main unit, 12 months free repair guarantee for probe and 6 months free repair guarantee for the optional parts respectively. More information for our products and service, please turn to our official website or contact us directly.