

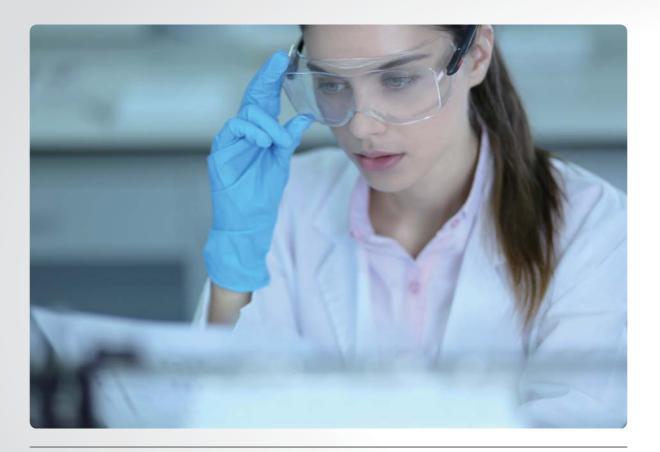
Biossays BC2200

Automatic Biochemistry System



www.snibe.com

Outstanding Technology Power of Biochemistry



Your Final Diagnostic Solution

Biossays BC2200 automatic biochemistry system designed with such highly customized options and fine performance can always provide a final solution to customers. Fully customized platform can expand with not only biochemistry system, but also E1200 electrolyte and MAGLUMI 4000 Plus immunochemistry module to satisfy future requirement. Biossays BC2200, up to 1600 tests per hour, together with assorted reagents, as well as internal calibrator and multiple level controls, can help the operator get accurate and reliable results more efficiently.



Advantages of Biossays BC2200

Automatic Biochemistry System

Sample Module

- Independent sample loading module, 280 samples can be loaded at one time on sample racks with barcode label recognition
- Micropipette technology, The minimum sample volume can be 2.0 µL
- Batch, Random access, STAT track

Reagent Handling

- R1 & R2 two-reagent trays, each tray has 45 reagent positions, temperature 5°C-15°C, with reagent barcode reader
- Reagent inventory real-time detection, display the remaining number of tests
- Automatic reagent replace function, continuous loading, applied to examination system for mass inspection

Photometry System

- Holographic concavity flat field grating, rear spectroscopy technology
- Wavelength range: 340-800 nm, simultaneous detection on the 16 wavelengths, comprehensive coverage of all biochemical reagent testing requirements
- Stable optical path detection system, wide absorbance linear range, high resolution ratio

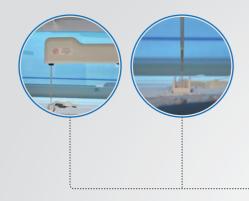
Operating System

- Full monitoring, flexibility and convenience
- LIS interface via ethernet or serial port, bidirectional communication

Constant Temperature System

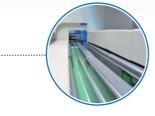
- Constant temperature water bath system, best temperature stability
- Real-time temperature monitoring, displaying and alerting function

Biossays BC2200



Dual-needle Sample Probe

- 2.0 μL 35.0 μL sample volume with stepping 0.1 μL
- Liquid level detection and clot detection
- Crush-proof and self-recovery function
- Highly polished to prevent cross-contamination
- Simple structure for maintenance
- High-efficient adding



Transport Channel

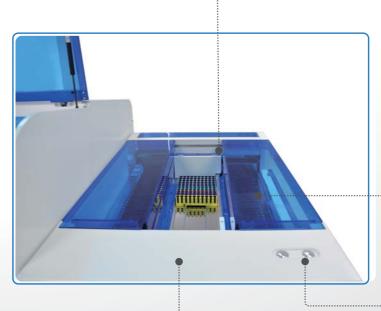
- Highly efficiency with smart sample rack distributing to 4 lanes
- Individual lane for STAT sampleSmart sample rack buffer position
- ensure a continuously sampling



Reaction Disk

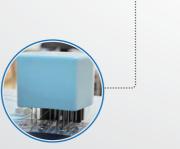
- 330 reaction cuvettes
- 150 µL minimum reaction volume
- High performance optical plastic





Dual-head Sample Mixer

- Double wash with pre-heated pure water before mixing
- 1400 rpm high speed flat mixing bar
- Simple structure for maintenance
- High-efficient mixing



10-step Cuvette Washer Station

- Wash with pre-heated pure water and auto-diluted detergent
- Automated cuvette wash & cell blank check

Reagent Probe

- 20 µL-350 µL reagent volume with stepping 1 µL
 Liquid level detection
- Crush-proof and self-recovery function
- Highly polished with minimum cross-contamination
- Simple structure for maintenance

Ready-to-use Consumables

 Wash concerntrate ready-to-use and automatically prepared by instrument



Reagent Handling

- Total 90 reagent positions for R1 and R2
- Continuously loading during measurement
- 5°C-15°C constant cooling



Sample Rack Reader

• Intelligent sample recognition system, including RFID & barcode



Sample Loading Area

- 280 samples at the same time
- Continuously loading and unloading
- 6 types of racks with different colors: Normal, STAT, Control, Calibrator, Light Check, Remeasure
- All kinds of sample type: Serum, Plasma, Urine, CSF, etc



STAT Sample Button

- Click to cut in STAT sample in procedure
- Emergency pause during loading sample rack

Operation Software





Comprehensive Software

- User-friendly Interface
- Real-time status monitoring for each test
- Monitoring reagent and consumable status
- Intelligent alarm function



Quality Control

• Westgard rules and Levey-Jennings chart for both internal and external quality control



Maintenance Guide

- Ensure performance reliability and reduce unnecessary service calls
- Simple structure easy to maintain



Test Summary Function

- Test summary including system test, calibration, QC, statistics of samples, valid tests and retests
- Search and review test information conveniently
 Calibration history review and restore



Accurate Pre-dilution
 Pre-dilution function



Connect to LIS (bidirection)

 Bidirection, serial communication or network communication using ASTM

Test Menu

CKTBAIgACK-MBALT (SGPT)IgM α -HBDHAST (SGOT)IgGLDHALPTransferrin*LDH1GGT*ASOTBIL*RFDBIL*CRP (Full RanFe (Iron)TP*UIBCFe (Iron)*Ammonia*G6PDCa*PA (Prealbumin)*C3P (phos)*AFU*AFU	e)
α-HBDHAST (SGOT)IgGLDHALPTransferrin*LDH1GGT*ASOTBILTBIL*RFDBILCRP (Full RanFe (Iron)TP*UIBCFe (Iron)*Ammonia*G6PDCa*PA (Prealbumin)*C3P (phos)*CHE*CHE	e)
LDH ALP Transferrin *LDH1 GGT *ASO TBIL 7 DBIL 7 DBIL 7 P P (phos) *CHE (Pallbamin) *C3	e)
*LDH1 GGT *ASO TBIL *RF DBIL *CRP (Full Ran *CRP (Full Ran *UIBC	e)
TBIL *RF DBIL *CRP (Full Ran Inorganic Ion TP *UIBC Fe (Iron) ALB *Urine/CSF Proc Fe (Iron) *Ammonia *G6PD Ca *PA (Prealbumin) *C3 P (phos) *CHE *C4	e)
DBIL *CRP (Full Ram Inorganic Ion TP *UIBC Fe (Iron) *Ammonia *G6PD Ca *PA (Prealbumin) *C3 P (phos) *CHE *C4	e)
Inorganic Ion TP *UIBC ALB *Urine/CSF Processor Fe (Iron) *Ammonia *G6PD Ca *PA (Prealbumin) *C3 P (phos) *CHE *C4	e)
Inorganic ion ALB *Urine/CSF Pro Fe (Iron) *Ammonia *G6PD Ca *PA (Prealbumin) *C3 P (phos) *CHE *C4	
ALB *Urine/CSF Pro Fe (Iron) *Ammonia *G6PD Ca *PA (Prealbumin) *C3 P (phos) *CHE *C4	
Ca*PA (Prealbumin)*C3P (phos)*CHE*C4	ein
P (phos) *CHE *C4	
*Mg *AFU *ACP	
*5'- NT *Haptoglobin	
Pancreatic Diabetes ISE	
α-AMY GLU Na	
*LIP LAC K	
*HbA1c Cl	
*GSP Ca	
*D3-HB pH	
HDL-C Renal	
LDL-C Cr (CREA)	
TC Uric Acid	
TG Urea	
ApoE *Cysc	
Lp(a) *mALB	
Hcy *α1-MG	
ApoA1 *β2-MG	
ApoB *Urine/CSF Protein * Available s	
*RBP	on

Biossays BC2200 Automatic Biochemistry Analyzer

Technical Specifications

Type of system • Automated discrete, STAT priority Throughput • 1600 tests/hour Measuring principles • Endpoint, rate, kinetin, fixed-time technology Sample volume • 2.0 µL - 35.0 µL 0.1 µL stepping Sample needle • Liquid level detection, Crush proof Reagent needle • Liquid level detection, Crush proof Reagent storage temperature • 8°C-15°C, refrigerated by semiconductors Readent or Up number • 3:30 reaction cuvettes totally Optical path • 6 mm Reaction cup number • 150 µL - 450 µL Reaction temperature • 87.0°C ± 0.3°C, fluctuations not greater than ± 0.2°C Stirring method • 6 mm Reaction temperature • 87.0°C ± 0.3°C, fluctuations not greater than ± 0.2°C Stirring method • Auto-wash of reaction cuvets, reagent needles, sample needles, mixers Light source • Durable halogen tungsten lamp with 100W/12V Wavelength • 16 wavelength • 16 wavelength • 300 nm, 830 nm, 480 nm, 450 nm, 750 nm	rechnical opecifications	
Measuring principles Endpoint, rate, kinetic, fixed-time technology Sample volume 2.0 µL - 35.0 µL, 0.1 µL stepping Sample needle Elquid level detection, Crush proof Reagent needle Elquid level detection, Crush proof Reagent handling R1 and R2 reagent disks with cooling function and 45 reagent positions for each disk Reagent volume 2.0 µL - 35.0 µL, 1 µL stepping Reagent storage temperature S1C-15°C, refrigerated by semiconductors Reaction cup number 300 reaction cuvettes totally Optical path 6 mm Reaction temperature 9.10° L + 450 µL Reaction temperature 9.10° C ± 0.3°C, fluctuations not greater than ± 0.2°C Stirring method Separated mixing after adding reagent Washing method Auto-wash of reaction cuvetts, reagent needles, sample needles, mixers Elght source Durable halogen tungsten lamp with 100W/12V Wavelength 6.40 mm, 300 nm, 450 nm, 450 nm, 505 nm, 546 nm, 550 nm, 780 nm, 7	Type of system	Automated discrete, STAT priority
Constraint# 2.0 µL - 35.0 µL, 0.1 µL steppingSample needle# Liquid level detection, Crush proofReagent needle# Liquid level detection, Crush proofReagent handling# R1 and R2 reagent disks with cooling function and 45 reagent positions for each diskReagent storage temperature# 5°C-15°C, refrigerated by semiconductorsReaction cup number# 330 reaction cuvettes totallyOptical path# 6 mmReaction volume# 150 µL - 450 µLReaction temperature# 70°C ± 0.3°C, fluctuations not greater than ± 0.2°CStirring method# Separated mixing after adding reagentWashing method# Auto-wash of reaction cuvetts, reagent needles, sample needles, mixersLight source# Durable halogen tungsten lamp with 100W12VWavelength* 16 wavelengths * 910 nm, 800 nm, 450 nm, 450 nm, 505 nm, 760 nm, 780 nm, 800 nm s70 nm, 600 nm, 600 nm, 600 nm, 700 nm, 720 nm, 780 nm, 800 nm s70 nm, 600 nm, 600 nm, 700 nm, 720 nm, 780 nm, 800 nmDispensing system* Independent sample and reagent probe with liquid level detection, liquid surface verification and cloid detectionDilution* Auto-dilution, retestSoftware function* English operation software monitoring the entire process, a variety of user modes availablePower* Sample processing module: 700 VA * Biochemistry (including sample tracks): 1800 VA * Biochemistry (including sample trac	Throughput	• 1600 tests/hour
Sample needle• Liquid level detection, Crush proofReagent needle• Liquid level detection, Crush proofReagent handling• R1 and R2 reagent disks with cooling function and 45 reagent positions for each diskReagent storage temperature• 5°C-15°C, refrigerated by semiconductorsReaction cup number• 330 reaction cuveties totallyOptical path• 6 mmReaction temperature• 150 µL - 450 µLReaction temperature• 37.0°C± 0.3°C, fluctuations not greater than ± 0.2°CStirring method• Separated mixing after adding reagentWashing method• Auto-wash of reaction cuveties, reagent needles, sample needles, mixersLight source• 0 ABS - 3.0 ABSDispensing system• Independent sample and reagent probe with liquid level detection, liquid surface verification and clot detectionDilution• Auto-dilution, retestSoftware function• English operation software monitoring the entire process, a variety of user modes availablePower• Sample processing module: 600 VA Biochemistry (including sample tracks): 120 m1102 cm Biochemistry (including sample tracks): 120 m1102 cmWeight• Sample processing module: 72 m119 cm1102 cm Biochemistry (including sample tracks): 120 m1102 cmWeight• Sample processing module: 72 m119 cm1102 cm Biochemistry (including sample tracks): 440 kg	Measuring principles	 Endpoint, rate, kinetic, fixed-time technology
Reagent needle • Liquid level detection, Crush proof Reagent handling • R1 and R2 reagent disks with cooling function and 45 reagent positions for each disk Reagent storage temperature • SC-15C, refrigerated by semiconductors Reaction cup number • 330 reaction cuvettes totally Optical path • 6 mm Reaction temperature • 97.0°C ± 0.3°C, fluctuations not greater than ± 0.2°C Stirring method • Suparated mixing after adding reagent Washing method • Auto-wash of reaction cuvetts, reagent needles, sample needles, mixers Light source • Durable halogen tungsten lamp with 100W/12V Wavelength • 16 wavelengths • 340 nm, 380 nm, 450 nm, 450 nm, 750 nm, 750 nm, 780	Sample volume	● 2.0 μL - 35.0 μL, 0.1 μL stepping
Reagent handling • R1 and R2 reagent disks with cooling function and 45 reagent positions for each disk Reagent volume • 20 µL - 350 µL. 1 µL stepping Reagent storage temperature • 5°C-15°C, refrigerated by semiconductors Reaction cup number • 330 reaction cuvettes totally Optical path • 6 mm Reaction temperature • 97.0°C± 0.3°C, fluctuations not greater than ± 0.2°C Stirring method • Separated mixing after adding reagent Washing method • Auto-wash of reaction cuvetts, reagent needles, sample needles, mixers Light source • Durable halogen tungsten lamp with 100W/12V Wavelength • 16 wavelengths • 340 nm, 380 nm, 450 nm, 450 nm, 720 nm, 750 nm, 780 nm, 800 nm Absorbance range • 0 ABS - 3.0 ABS Dispensing system • Independent sample and reagent probe with liquid level detection, liquid surface verification and clot detection Power • Sample processing module: 600 VA Biochemistry (including sample tracks): 1800 VA Dimension • Sample processing module: 600 VA • Biochemistry (including sample tracks): 122 cm ⁺ 119 cm ⁺ 140 cm Weight • Sample processing module: 600 VA • Biochemistry (including sample tracks): 122 cm ⁺ 119 cm ⁺ 140 cm • Sample processing module: 600 VA	Sample needle	 Liquid level detection, Clot detection, Crush proof
Reagent volume • 20 µL - 350 µL, 1 µL stepping Reagent storage temperature • 5°C-15°C, refrigerated by semiconductors Reaction oup number • 330 reaction cuvettes totally Optical path • 6 mm Reaction temperature • 150 µL - 450 µL Reaction temperature • 37 0°C ± 0.3°C, fluctuations not greater than ± 0.2°C Stirring method • Separated mixing after adding reagent Washing method • Auto-wash of reaction cuvetts, reagent needles, sample needles, mixers Light source • Durable halogen tungsten lamp with 100W/12V Wavelength • 16 wavelengths • 340 nm, 380 nm, 450 nm, 450 nm, 700 nm, 720 nm, 750 nm, 800 nm Absorbance range • 0 ABS - 3.0 ABS Dispensing system • Independent sample and reagent probe with liquid level detection, liquid surface verification and clid detection Software function • English operation software monitoring the entire process, a variety of user modes available Power • Sample processing module: 600 VA • Biochemistry (including sample tracks): 1800 VA • Sample processing module: 500 VA • Biochemistry (including sample tracks): 1800 VA • Sample processing module: 72 cm*119 cm*140 cm Weight • Sample processing module: 72 cm*119 cm*140 cm <t< td=""><td>Reagent needle</td><td>Liquid level detection, Crush proof</td></t<>	Reagent needle	Liquid level detection, Crush proof
Reagent storage temperature * 5°C-15°C, refrigerated by semiconductors Reaction cup number • 330 reaction cuveties totally Optical path • 6 mm Reaction temperature • 370 °C ± 0.3°C, fluctuations not greater than ± 0.2°C Stirring method • Separated mixing after adding reagent Washing method • Auto-wash of reaction cuvetis, reagent needles, sample needles, mixers Light source • Durable halogen tungsten lamp with 100W/12V Wavelength • 16 wavelengths • 340 nm, 380 nm, 450 nm, 450 nm, 505 nm, 546 nm, 570 nm, 600 nm, 630 nm, 600 nm, 700 nm, 720 nm, 780 nm, 800 nm Absorbance range • 0 ABS~3.0 ABS Dispensing system • Independent sample and reagent probe with liquid level detection, liquid surface verification and clot detection Power • Sample processing module: 600 VA • Biochemistry (including sample tracks): 1800 VA Power • Sample processing module: 72 cm*119 cm*102 cm • Biochemistry (including sample tracks): 122 cm*119 cm*140 cm Weight • Sample processing module: 72 cm*119 cm*140 cm • Biochemistry (including sample tracks): 440 kg • Biochemistry (including sample tracks): 440 kg	Reagent handling	 R1 and R2 reagent disks with cooling function and 45 reagent positions for each disk
Reaction cup number • 330 reaction cuvettes totally Optical path • 6 mm Reaction volume • 150 µL - 450 µL Reaction temperature • 37.0°C ± 0.3°C, fluctuations not greater than ± 0.2°C Stirring method • Separated mixing after adding reagent Washing method • Auto-wash of reaction cuvetts, reagent needles, sample needles, mixers Light source • Durable halogen tungsten lamp with 100W/12V Wavelength • 16 wavelengths • 340 nm, 380 nm, 450 nm, 450 nm, 450 nm, 505 nm, 546 nm, 570 nm, 800 nm Absorbance range • 0 ABS ~ 3.0 ABS Dispensing system • Independent sample and reagent probe with liquid level detection, liquid surface verification and clot detection Software function • English operation software monitoring the entire process, a variety of user modes available Power • Sample processing module: 600 VA • Biochemistry (including sample tracks): 1800 VA • Sample processing module: 72 cm*119 cm*140 cm Weight • Sample processing module: 240 kg • Biochemistry (including sample tracks): 440 kg • Biochemistry (including sample tracks): 440 kg	Reagent volume	● 20 μL - 350 μL, 1 μL stepping
Optical path • 6 mm Reaction volume • 150 μL - 450 μL Reaction temperature • 37.0°C ± 0.3°C, fluctuations not greater than ± 0.2°C Stirring method • Separated mixing after adding reagent Washing method • Auto-wash of reaction cuvetts, reagent needles, sample needles, mixers Light source • Durable halogen tungsten lamp with 100W/12V Wavelength • 15 wavelengths • 340 nm, 800 nm, 450 nm, 450 nm, 450 nm, 700 nm, 700 nm, 700 nm, 700 nm, 700 nm, 800 nm Absorbance range • 0 ABS ~ 3.0 ABS Dispensing system • Independent sample and reagent probe with liquid level detection, liquid surface verification and clot detection Software function • Auto-dilution, retest Software function • English operation software monitoring the entire process, a variety of user modes available Power • Sample processing module: 600 VA • Biochemistry (including sample tracks): 1800 VA Dimension • Sample processing module: 72 cm*119 cm*102 cm • Biochemistry (including sample tracks): 122 cm*1140 cm Weight • Sample processing module: 240 kg • Biochemistry (including sample tracks): 140 kg	Reagent storage temperature	• 5°C-15°C, refrigerated by semiconductors
Reaction volume • 150 µL - 450 µL Reaction temperature • 97.0°C ± 0.3°C, fluctuations not greater than ± 0.2°C Stirring method • Separated mixing after adding reagent Washing method • Auto-wash of reaction cuvetis, reagent needles, sample needles, mixers Light source • Durable halogen tungsten lamp with 100W/12V Wavelength • 16 wavelengths • 340 nm, 380 nm, 450 nm, 450 nm, 450 nm, 505 nm, 546 nm, 570 nm, 600 nm, 500 nm, 700 nm, 720 nm, 780 nm, 800 nm Absorbance range • 0 ABS – 3.0 ABS Dispensing system • Independent sample and reagent probe with liquid level detection, liquid surface verification and clot detection Dilution • Auto-dilution, retest Software function • English operation software monitoring the entire process, a variety of user modes available Power • Sample processing module: 600 VA • Biochemistry (including sample tracks): 1800 VA Dimension • Sample processing module: 72 cm*119 cm*140 cm • Biochemistry (including sample tracks): 122 cm*119 cm*140 cm • Biochemistry (including sample tracks): 440 kg • Biochemistry (including sample tracks): 440 kg • Biochemistry (including sample tracks): 440 kg	Reaction cup number	 330 reaction cuvettes totally
Reaction temperature 97.0°C± 0.3°C, fluctuations not greater than ± 0.2°C Stirring method • Separated mixing after adding reagent Washing method • Auto-wash of reaction cuvetts, reagent needles, sample needles, mixers Light source • Durable halogen tungsten lamp with 100W/12V Wavelength • 16 wavelengths • 340 nm, 450 nm, 450 nm, 450 nm, 450 nm, 505 nm, 546 nm, 570 nm, 600 nm, 630 nm, 660 nm, 700 nm, 720 nm, 750 nm, 780 nm, 800 nm Absorbance range • 0 ABS - 3.0 ABS Dispensing system • Independent sample and reagent probe with liquid level detection, liquid surface verification and clot detection Dilution • Auto-dilution, retest Software function • English operation software monitoring the entire process, a variety of user modes available Power • Sample processing module: 600 VA • Biochemistry (including sample tracks): 1800 VA Dimension • Sample processing module: 72 cm*119 cm*102 cm • Biochemistry (including sample tracks): 1800 VA Weight • Sample processing module: 240 kg • Biochemistry (including sample tracks): 440 kg Water consumption • Pure water consumption not greater than 45 L/H	Optical path	• 6 mm
Stirring method • Separated mixing after adding reagent Washing method • Auto-wash of reaction cuvetts, reagent needles, sample needles, mixers Light source • Durable halogen tungsten lamp with 100W/12V Wavelength • 16 wavelengths • 340 nm, 380 nm, 405 nm, 450 nm, 480 nm, 505 nm, 546 nm, 570 nm, 600 nm, 600 nm, 630 nm, 660 nm, 700 nm, 720 nm, 750 nm, 780 nm, 800 nm Absorbance range • 0 ABS ~ 3.0 ABS Dispensing system • Independent sample and reagent probe with liquid level detection, liquid surface verification and clot detection Dilution • Auto-dilution, retest Software function • English operation software monitoring the entire process, a variety of user modes available Power • Sample processing module: 600 VA • Biochemistry (including sample tracks): 1800 VA Dimension • Sample processing module: 72 cm*119 cm*140 cm • Biochemistry (including sample tracks): 440 kg • Sample processing module: 240 kg Weight • Sample processing module: 240 kg • Biochemistry (including sample tracks): 440 kg • Pure water consumption not greater than 45 L/H	Reaction volume	● 150 μL - 450 μL
Washing method • Auto-wash of reaction cuvetts, reagent needles, sample needles, mixers Light source • Durable halogen tungsten lamp with 100W/12V Wavelength • 16 wavelengths • 340 nm, 380 nm, 405 nm, 450 nm, 480nm, 505 nm, 546 nm, 570 nm, 600 nm, 600 nm, 700 nm, 720 nm, 780 nm, 800 nm Absorbance range • 0 ABS~3.0 ABS Dispensing system • Independent sample and reagent probe with liquid level detection, liquid surface verification and clot detection Dilution • Auto-dilution, retest Software function • English operation software monitoring the entire process, a variety of user modes available Power • Sample processing module: 600 VA Biochemistry (including sample tracks): 1800 VA • Biochemistry (including sample tracks): 122 cm*119 cm*140 cm Weight • Sample processing module: 240 kg • Biochemistry (including sample tracks): 440 kg • Biochemistry (including sample tracks): 440 kg	Reaction temperature	• $37.0^{\circ}C \pm 0.3^{\circ}C$, fluctuations not greater than $\pm 0.2^{\circ}C$
Light source • Durable halogen tungsten lamp with 100W/12V Wavelength • 16 wavelengths • 340 nm, 380 nm, 405 nm, 450 nm, 450 nm, 505 nm, 546 nm, 570 nm, 600 nm, 630 nm, 660 nm, 700 nm, 720 nm, 750 nm, 780 nm, 800 nm Absorbance range • 0 ABS~3.0 ABS Dispensing system • Independent sample and reagent probe with liquid level detection, liquid surface verification and clot detection Dilution • Auto-dilution, retest Software function • English operation software monitoring the entire process, a variety of user modes available Power • Sample processing module: 600 VA • Biochemistry (including sample tracks): 1800 VA Dimension • Sample processing module: 72 cm*119 cm*140 cm Weight • Sample processing module: 240 kg • Biochemistry (including sample tracks): 122 cm*119 cm*140 cm Vater consumption • Pure water consumption not greater than 45 L/H	Stirring method	 Separated mixing after adding reagent
Wavelength • 16 wavelengths • 340 nm, 380 nm, 405 nm, 450 nm, 480nm, 505 nm, 546 nm, 570 nm, 600 nm, 630 nm, 660 nm, 700 nm, 720 nm, 750 nm, 780 nm, 800 nm Absorbance range • 0 ABS ~ 3.0 ABS Dispensing system • Independent sample and reagent probe with liquid level detection, liquid surface verification and clot detection Dilution • Auto-dilution, retest Software function • English operation software monitoring the entire process, a variety of user modes available Power • Sample processing module: 600 VA • Biochemistry (including sample tracks): 1800 VA Dimension • Sample processing module: 72 cm*119 cm*140 cm Weight • Sample processing module: 240 kg • Biochemistry (including sample tracks): 440 kg Water consumption • Pure water consumption not greater than 45 L/H	Washing method	 Auto-wash of reaction cuvetts, reagent needles, sample needles, mixers
Wavelength • 340 nm, 380 nm, 405 nm, 450 nm, 480 nm, 505 nm, 546 nm, 570 nm, 700 nm, 700 nm, 720 nm, 720 nm, 780 nm, 800 nm Absorbance range • 0 ABS~3.0 ABS Dispensing system • Independent sample and reagent probe with liquid level detection, liquid surface verification and clot detection Dilution • Auto-dilution, retest Software function • English operation software monitoring the entire process, a variety of user modes available Power supply • 120/230 Vac, 50/60 Hz Dimension • Sample processing module: 600 VA Biochemistry (including sample tracks): 1800 VA Biochemistry (including sample tracks): 122 cm*119 cm*140 cm Weight • Sample processing module: 240 kg • Biochemistry (including sample tracks): 440 kg • Dure water consumption • Pure water consumption not greater than 45 L/H	Light source	 Durable halogen tungsten lamp with 100W/12V
Dispensing system • Independent sample and reagent probe with liquid level detection, liquid surface verification and clot detection Dilution • Auto-dilution, retest Software function • English operation software monitoring the entire process, a variety of user modes available Power supply • 120/230 Vac, 50/60 Hz Power • Sample processing module: 600 VA • Biochemistry (including sample tracks): 1800 VA Dimension • Sample processing module: 72 cm*119 cm*102 cm • Biochemistry (including sample tracks): 122 cm*119 cm*140 cm Weight • Sample processing module: 240 kg • Biochemistry (including sample tracks): 440 kg • Pure water consumption not greater than 45 L/H	Wavelength	• 340 nm, 380 nm, 405 nm, 450 nm, 480nm, 505 nm, 546 nm,
Disperising system surface verification and clot detection Dilution • Auto-dilution, retest Software function • English operation software monitoring the entire process, a variety of user modes available Power supply • 120/230 Vac, 50/60 Hz Power • Sample processing module: 600 VA • Biochemistry (including sample tracks): 1800 VA Dimension • Sample processing module: 72 cm*119 cm*102 cm • Biochemistry (including sample tracks): 122 cm*119 cm*140 cm Weight • Sample processing module: 240 kg • Biochemistry (including sample tracks): 440 kg Water consumption • Pure water consumption not greater than 45 L/H	Absorbance range	• 0 ABS~3.0 ABS
Software function • English operation software monitoring the entire process, a variety of user modes available Power supply • 120/230 Vac, 50/60 Hz Power • Sample processing module: 600 VA Biochemistry (including sample tracks): 1800 VA Dimension • Sample processing module: 72 cm*119 cm*102 cm Biochemistry (including sample tracks): 122 cm*119 cm*140 cm Weight • Sample processing module: 240 kg Weight • Sample processing module: 240 kg • Pure water consumption • Pure water consumption not greater than 45 L/H	Dispensing system	 Independent sample and reagent probe with liquid level detection, liquid surface verification and clot detection
Power supply • 120/230 Vac, 50/60 Hz Power • Sample processing module: 600 VA Biochemistry (including sample tracks): 1800 VA Dimension • Sample processing module: 72 cm*119 cm*102 cm Biochemistry (including sample tracks): 122 cm*119 cm*140 cm Weight • Sample processing module: 240 kg Biochemistry (including sample tracks): 440 kg • Dimension	Dilution	Auto-dilution, retest
Power • Sample processing module: 600 VA • Biochemistry (including sample tracks): 1800 VA Dimension • Sample processing module: 72 cm*119 cm*102 cm • Biochemistry (including sample tracks): 122 cm*119 cm*140 cm • Weight • Sample processing module: 240 kg • Biochemistry (including sample tracks): 440 kg • Weight • Sample processing module: 240 kg • Biochemistry (including sample tracks): 440 kg • Pure water consumption not greater than 45 L/H	Software function	• English operation software monitoring the entire process, a variety of user modes available
Power • Biochemistry (including sample tracks): 1800 VA Dimension • Sample processing module: 72 cm*119 cm*102 cm • Biochemistry (including sample tracks): 122 cm*119 cm*140 cm Weight • Sample processing module: 240 kg • Biochemistry (including sample tracks): 440 kg • Water consumption • Pure water consumption not greater than 45 L/H	Power supply	• 120/230 Vac, 50/60 Hz
Biochemistry (including sample tracks): 122 cm*119 cm*140 cm Sample processing module: 240 kg Biochemistry (including sample tracks): 440 kg Pure water consumption not greater than 45 L/H	Power	
Weight Biochemistry (including sample tracks): 440 kg Water consumption Pure water consumption not greater than 45 L/H	Dimension	
Water consumption Pure water consumption not greater than 45 L/H Wash liquid consumption less than 280 mL/H 	Weight	
	Water consumption	

