

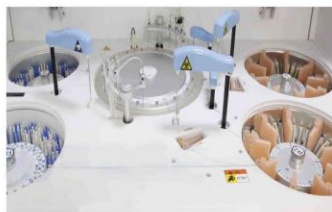
Clinical & Analytical

Auto Chemistry Analyzer

01

Reaction Module

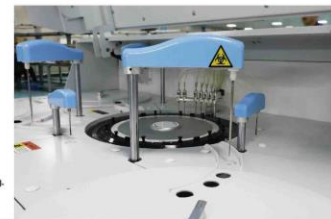
Long lifetime halogen lamp,
stable light source.
340, 405, 450, 510, 546, 578,
630, 700nm eight wavelength filters.
37°C stable incubation system.



03

Accurate Sample & Reagent Adding System

Accurate sampling pump, sample adding
0.1μl stepping, reagent adding 1μl stepping.
Sample & reagent probes with liquid level
sensor and anti-collision functions.



02

Functional Software

Sample information batch and
combination input quickly and easily.
24 hours working, with STAT function.
Special designed software surface for
engineer to monitor whole instrument
status clearly.
LIS system available.



04

Sample and Reagent Tray

Reagent tray with 24 hours cooling system.
Reagent volume real-time detection, with
remaining volume display online.

200T/H Auto Chemistry Analyzer BK-200 (Previous BK-200mini)



Overall appearance:

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



Features:

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



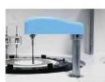
Reaction Tray
37±0.2°C,
real-time monitor.



Reagent Tray
Refrigerated tray with
independent switch.



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



Mixer Probe
Teflon coating to avoid
cross contamination.



Washing Probe
Independent 4-step
washing system.



**LAN Port
Access**

03

Parameters:

Model	BK-200
Overall Performance	Throughput
	200 Tests/hour
	Analysis Method
Sample & Reagent System	End-point, Fixed-time, Rate(Kinetic)
	Certificates
	CE, FDA, ISO9001, ISO14001, ISO13485
Reaction System	Sample Positions
	37 sample positions
	Reagent Positions
Optical System	28 reagent positions
	Sample Volume
	2-70µl
Calibration & QC	Reagent Volume
	20-350µl
	Probe
Data Management	Teflon coating, with anti-collision function, liquid level detection function
	Probe Washing
	Automatic washing interior and exterior
Working Conditions	Reagent Cooling
	Refrigerated tray with independent switch
	Temperature Control
Size & Weight	37±0.2°C
	Cuvettes
	48 reusable cuvettes, optical length 6mm
Overall Performance	Mixer Probe
	Independent stirring
	Washing
Sample & Reagent System	Automatic cuvettes washing
	STAT Function
	YES
Reaction System	Light Source
	6W/10W halogen lamp
	Spectrophotometry
Optical System	Post-spectral spectrophotometry
	Wavelength
	340, 405, 450, 480, 505, 546, 570, 600, 630, 700, 750, 800nm
Calibration & QC	Absorbance
	0-3.0Abs
	Calibration
Data Management	Linear: K factor, 1-point, 2-point and multipoint linear
	Non-Linear: Spline, Polygon, Index, Ogarithm, Logit-4P, Logit-5P
	Quality Control
Working Conditions	Real-time QC, Westgard multi rule, Cumulative sum check, Twin Plot(2D)
	Software
	Windows 7/8/10, 32 or 64 bit
Size & Weight	LIS System
	Bi-direction, support HL7 protocol
	Interface
Overall Performance	LAN port access
	Printer
	External, multiple reporting mode available
Sample & Reagent System	Power Supply
	AC220V±10%, 50/60Hz, 110V±10%, 60Hz, 300W
	Temperature
Reaction System	15-30°C
	Water Consumption
	Deionized water: <5L/H
Optical System	Humidity
	40%-85%
	External Size (W*D*H)
Calibration & QC	625*425*460mm
	Net Weight
	36kg
Data Management	Package Size (W*D*H)
	728*530*844mm
	Gross Weight
	55kg

04

200T/H Auto Chemistry Analyzer BK-280 (Previous BK-200)



Features:

- ①. 49 Sample positions.
- ②. 56 Reagent positions.
- ③. 120 Reaction cuvettes.
- ④. 200 tests per hour.
- ⑤. Probe with anti-collision function, liquid level detection function.



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



Mixer Probe
Teflon coating to avoid
cross contamination.



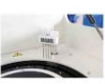
Reagent Tray
2-8°C cooling
for 24 hours.



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



Software
User-friendly
software.



Washing Probe
Independent 4-step
washing system.

05

Parameters:

Model	BK-280
Overall Performance	Throughput
	Constant Speed 200 Tests/hour Max Speed 280 Tests/hour
	Analysis Method
Sample & Reagent System	End-point, Fixed-time, Rate(Kinetic)
	Certificates
	CE, FDA, ISO9001, ISO14001, ISO13485
Reaction System	Sample Positions
	49 sample positions
	Reagent Positions
Optical System	56 reagent positions
	Sample Volume
	2-70µl
Calibration & QC	Reagent Volume
	20-350µl
	Probe
Data Management	Teflon coating, with anti-collision function, liquid level detection function
	Probe Washing
	Automatic washing interior and exterior
Working Conditions	Reagent Cooling
	Refrigerated tray with independent switch
	Temperature Control
Size & Weight	37±0.2°C
	Cuvettes
	120 reusable cuvettes, optical length 6mm
Overall Performance	Mixer Probe
	Independent stirring
	Washing
Sample & Reagent System	Automatic cuvettes washing
	STAT function
	YES
Reaction System	Light Source
	12W/30W halogen lamp
	Spectrophotometry
Optical System	Post-spectral spectrophotometry
	Wavelength
	340, 405, 450, 480, 505, 546, 570, 600, 630, 700, 750, 800nm
Calibration & QC	Absorbance
	0-3.0Abs
	Calibration
Data Management	Linear: K factor, 1-point, 2-point and multipoint linear
	Non-Linear: Spline, Polygon, Index, Ogarithm, Logit-4P, Logit-5P
	Quality Control
Working Conditions	Real-time QC, Westgard multi rule, Cumulative sum check, Twin Plot(2D)
	Software
	Windows 7/8/10, 32 or 64 bit
Size & Weight	LIS System
	Bi-direction, support HL7 protocol
	Interface
Overall Performance	LAN port access
	Printer
	External, multiple reporting mode available
Sample & Reagent System	Power Supply
	AC220V±10%, 50/60Hz, 110V±10%, 60Hz, 300W
	Temperature
Reaction System	15-30°C
	Water Consumption
	Deionized water: 5L/H
Optical System	Humidity
	40%-85%
	External Size (W*D*H)
Calibration & QC	950*603*510mm
	Net Weight
	65kg
Data Management	Package Size (W*D*H)
	1085*700*1012mm
	Gross Weight
	140kg

06

400T/H Auto Chemistry Analyzer BK-400



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 detection function.



Reaction Tray
37±0.1°C, real-time monitor.



Mixer Probe
Teflon coating to avoid cross contamination.



Reagent Tray
2-8°C cooling for 24 hours.



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



Software
User-friendly software.



Washing Probe
Independent 7-step washing system.

07

Parameters:

Model	BK-400
Overall Performance	Throughput 400 Tests/hour
	Analysis Method End-point, Fixed-time, Rate(Kinetic)
	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 1-70µl
	Reagent Volume 10-350µl
	Probe Teflon coating, with anti-collision function, liquid level detection function
Reaction System	Probe Washing Automatic washing interior and exterior
	Reagent Cooling 2-8°C
	Temperature Control 37±0.1°C, real-time monitoring
	Cuvettes 120 reusable cuvettes, optical length 6mm
	Mixer Probe Independent stirring
Optical System	Washing Automatic cuvettes washing
	STAT Function YES
	Light Source 12V/30W halogen-tungsten lamp
	Spectrophotometry Post-spectral spectrophotometry
	Wavelength 340, 405, 450, 480, 505, 546, 570, 600, 630, 700, 750, 800nm
Calibration & QC	Absorbance 0-3.5Abs
	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)
	Software Windows 7/8/10, 32 or 64 bit
Data Management	LIS System Bi-direction, support HL7 protocol
	Interface TCP/IP Network interface
	Printer External, multiple reporting mode available
Working Conditions	Power Supply 220V±10% 50/60Hz, 110V±10% 60Hz, 500VA
	Temperature 15-30°C
	Water Consumption Deionized water:10 L/h
	Humidity 40%-85%
Size & Weight	External Size (W*D*H) 1170*775*1145mm
	Net Weight 190kg
	Package Size (W*D*H) 1348*928*1377mm
	Gross Weight 257kg

08

600T/H Auto Chemistry Analyzer BK-600



Features:

- ①. 600 Tests per hour.
- ②. 120 Reaction cuvettes.
- ③. 180 Refrigerated reagent positions.
- ④. Built-in sample barcode system optional.
- ⑤. 90 Sample positions (120 sample positions optional).
- ⑥. Probe with anti-collision function, liquid level detection function.



Reaction Tray
37±0.1°C, real-time monitor.



Mixer Probe
Teflon coating to avoid cross contamination.



Reagent Tray
2-8°C cooling for 24 hours.



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



Software
User-friendly software.



Washing Probe
Independent 7-step washing system.

09

Parameters:

Model	BK-600
Overall Performance	Throughput 600 Tests/hour
	Analysis Method End-point, Fixed-time, Rate(Kinetic)
	Certificates CE, FDA, ISO9001, ISO14001, ISO13485
Sample & Reagent System	Sample Positions 90 sample positions, built-in barcode system available
	Reagent Positions 180 refrigerated reagent positions (R1: 45 & R2: 45)
	Sample Volume 1-70µl
	Reagent Volume 10-350µl
	Probe Teflon coating, with anti-collision function, liquid level detection function
Reaction System	Probe Washing Automatic washing interior and exterior
	Reagent Cooling 2-8°C
	Temperature Control 37±0.1°C, real-time monitoring
	Cuvettes 120 reusable cuvettes, optical length 6mm
	Mixer Probe Independent stirring
Optical System	Washing Automatic cuvettes washing
	STAT Function YES
	Light Source 12V/30W halogen lamp
	Spectrophotometry Post-spectral spectrophotometry
	Wavelength 340, 405, 450, 480, 505, 546, 570, 600, 630, 700, 750, 800nm
Calibration & QC	Absorbance 0-3.5Abs
	Calibration 1-point, 2-point and multi-point, factor, Spline, Logit-4P, Logit-5P
	Quality Control Inserting quality control at random
	Software Windows 7/8/10
	LIS System Available
Data Management	Interface TCP/IP Network interface
	Printer External, multiple reporting mode available
	Power Supply 220V±10% 50/60Hz, 110V±10% 60Hz, 800VA
Working Conditions	Temperature 15-30°C
	Water Consumption Deionized water:10 L/h
	Humidity 40%-85%
	External Size (W*D*H) 1170*775*1145mm
Size & Weight	Net Weight 216kg
	Package Size (W*D*H) 1348*928*1377mm
	Gross Weight 280kg
	Accessory Package Size 728*598*651mm
	Accessory Gross Weight 70kg

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800T/H Auto Chemistry Analyzer BK-1200



Features:

1. 150 Sample positions.
2. 160 Reaction cuvettes.
3. 160 Refrigerated reagent positions.
4. Optical filter/bragg grating selectable.
5. 800 Tests per hour (1200 Tests with ISE module).
6. Built-in sample barcode system optional.
7. Probe with anti-collision function, liquid level detection function.



Reaction Tray
37±0.1°C, water bath



Reagent Tray
2~8°C cooling for 24 hours



Software
User-friendly software



Mixer Probe
Dual mixer, auto frequency adjustment



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



Washing Probe
Dual design, high efficiency

Parameters:

Model	BK-1200
Overall Performance	Throughput
	800 Tests/hour, 1200 Tests/hour with ISE(Optional)
	Analysis Method
Sample & Reagent System	End-point, Fixed-time, Rate(Kinetic)
	Certificates
	CE, FDA, ISO9001, ISO14001, ISO13485
	Sample Positions
	150 sample positions
Reaction System	Reagent Positions
	160 reagent positions
	Sample Volume
	1~70µl
	Reagent Volume
Optical System	10~350µl
	Probe
	Teflon coating, with anti-collision function, liquid level detection function
	Probe Washing
	Automatic washing interior and exterior
Calibration & QC	Reagent Cooling
	Refrigerated tray with independent switch
	Temperature Control
	Water bath, 37±0.1°C, real-time monitoring
	Cuvettes
Data Management	160 reusable cuvettes, optical length 6mm
	Mixer Probe
	Independent stirring
	Washing
	Automatic cuvettes washing
Working Conditions	STAT Function
	YES
	Light Source
	12V/20W halogen lamp/fiber bragg grating optional
	Spectrophotometry
Size & Weight	Post-spectral spectrophotometry
	Wavelength
	12 wavelengths from 340~800nm
	Absorbance
	0~3.5Abs
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
Working Conditions	LAN port access
	Printer
	External, multiple reporting mode available
	Power Supply
	AC220V±10%, 50/60Hz, 110V±10% 60Hz, 1500W
Size & Weight	Temperature
	15~30°C (±2°C)
	Water Consumption
	Deionized water: <25L/H
	Humidity
Calibration & QC	40%~65%
	External Size (W*D*H)
	1360*795*1155mm
	Net Weight
	290kg
Data Management	Package Size (W*D*H)
	1718*958*1427mm
	Gross Weight
	400kg

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Semi-auto Chemistry Analyzer BIOBASE-Silver



Features:

1. Easy operation by one button.
2. End point, kinetic, fixed time, rate, etc.
3. Filter wavelength: 340/405/450/510/546/578/630nm, 2 more open filter positions, others on request.
4. With 20 incubating positions.
5. Large Memory to store 144 test programs and 5600 testing results.
6. Excellent Q.C function, Q.C chart can be stored, displayed and printed.
7. 37°C temperature in flow cell and incubating.
8. Real time graph can be displayed and printed.

Parameters:

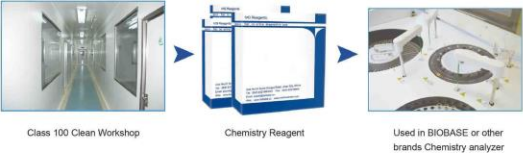
Model	
Reading cuvette	Quartz cuvette; Both through cell and direct reading cuvette
Incubating positions	20 incubating positions
Photometric System	Light source: 6V, 10W long life halogen lamp
	Filters: 340/405/450/510/546/578/630nm, 2 more open filter positions
	Wavelength accuracy: ±2nm
Measuring System	Measuring range: 0~3.5000 O.D.
	Photometric linearity: ±2% from 0 to 2.500 O.D.
	Photometric accuracy: ±2% from 0 to 2.500 O.D.
	Drift: 0.005 O.D.
Incubator Temperature	R.T., 25°C, 30°C, 37°C
Control	Precision: ±0.1°C
Display	Touch Screen
Printer	Built-in thermal printer
Interface	RS-232, USB
Power Supply	AC110/220V±10%, 60/50Hz
External Size(W*D*H)	400*380*200mm
Packing Size(W*D*H)	500*530*350mm
Gross Weight	12kg

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Clinical Chemistry Reagents

118 Item Reagent Kits :



- ①. Pancreas: α-AMY, LPS.
- ②. Pepsinogen: PG I, PG II.
- ③. Rheumatism: RF.
- ④. Hemagglutination: Fb, Fn.
- ⑤. Glycometabolism: GLU, GSP, HbA1c, D3H, LAC.
- ⑥. Blood Gas Electrolyte: Cl, Ca, P, Mg, CO2, Na, K, Cu, Fe, Zn, etc.
- ⑦. Blood Lipid: CHO, TG, HDL-C, LDL-C, APOA1, APOB, HCY, PLIP, Lp(a), APOE, ApoA2, ApoC2.
- ⑧. Myocardium Zymogram: LDH, CK-NAC, CK-MB, MB, ACE, LDH I, Tnl, MA.
- ⑨. Kidney Function: UREA, CREA, UA, MALB, CYS-C, BMG, NAG, UTP, σ1-MG, RBP.
- ⑩. Special Protein: ASO, CRP, PALB, TRF, G6PD, DD, C3, C4, IgA, IgM, IgG, HS-CRP, UIBC, Fet, IgE.
- ⑪. Liver Function: ALP, γ-GT, ALT, AST, TP, ALB, TBIL, DBIL, CHE, TBA, AFU, 5'-NT, AMO, AFP, AMM, LAP, ALC, GLDH, AAT.

Small package 24ml~40ml
Medium package 96ml~160ml
Big package 480ml~560ml

Applicable to different brand biochemistry analyzer
BIOBASE, Hitachi, Olympus, Roche, Beckman, Toshiba, Shimadzu, Abbott, Sysmex, Mindray, etc.

OEM Services Available:
Bulk package: 1L, 2L, 5L, 10L, 25L, 50L, 100L

Applicable Models



Auto ELISA Processor

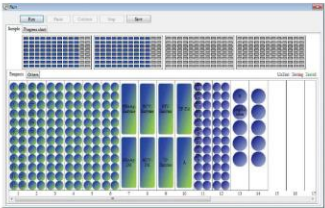


01
Sample Module

With hydrophobic membrane treatment precision probe and automatic washing system, ensure adding volume accurately and preventing cross contamination effectively.

02
Sample & Reagent & Dilution Rack Module

Using original sample tube and reagent bottles directly, preventing cross contamination effectively. Onboard large capacity and optional programmable dilution module.



03
Software Module

User-friendly Windows system, easy and simple to operate. LIS (Laboratory information system) is available.

04
Microplate Reader & Washer Module

Washing probe is adjusted automatically to ensure washing efficiently without residual, having unique integrative washing and reading module system. Reading unit is composed of high precision optics to ensure the accuracy and stability of testing results.



05 Testing Range:

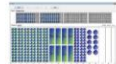
- ①. TORCH SERIES
- ②. HEPATITIS SERIES
- ③. VENEREAL SERIES
- ④. THYROID AUTOIMMUNITY SERIES
- ⑤. ENDOCRINE SERIES
- ⑥. TUMOR MARKER SERIES
- Toxo, RV, CMV, HSV etc.
- HAV, HBV, HCV, HDV, HEV etc.
- HIV, TP, MP, CT etc.
- T3, T4, FT3, TSH etc.
- E2, E3, LH, FSH, HCG, Prog, PRL etc.
- CEA, AFP, PSA, F-PSA, CALB-9, CAL 25, CA15-3, CA242.

Auto ELISA Processor BIOBASE 1000



Features:

- ①. 1 robotic arm, 1 pipetting probe (10–1000 μ l).
- ②. 2 unit 96 well microplates (independent incubating).
- ③. 1 unit reader& washer (auto reading and washing).



Software Module
User-friendly Windows system;
LIS system available.



Sample Module
Hitech teflon coating probe to
prevent cross contamination.



**Sample & Reagent &
Dilution Rack Module**
Original sample tubes available;
Rack positions programmable.



**Microplate Reader &
Washer Module**
Modularized automatic control
reading and washing system.

Parameters:

Model		
Sample Unit	Sample Racks	Standard 192 sample position (expandable, up to 384)
	Pipetting	10–1000 μ l
	Dispensing System	1 aspirating and dispensing probe (X-Y-Z movement)
Reagent Unit	Reagent Racks	Universal reagent position : standard 6 universal reagent positions (expandable, up to 32); Original reagent bottle: Standard 20 reagent bottles position (expandable, up to 80)
	Pipetting Range	10–1000 μ l, 1 μ l stepping
	Pipetting Precision	(100 μ l) CV \leq 0.5%
	Dispensing Time	5 minutes to whole 96 well microplates
Incubation Unit	Incubation	2 independent incubators
	Temperature Range	RT to 45 °C
	Temperature Accuracy	\pm 0.5°C
Washing Unit	Washing Probes	Two line 8-nozzle manifolds
	Wash Containers	2 wash buffers 2L, 1 distilled water, 1 waste water
	Washing Residual	\leq 2 μ l
Reading Unit	Reading Channels	8 independent photometric channels, mono and dichromatic reading
	Absorbance	0.0–3.0 OD
	Spectral Range	400–700nm
	Optical Filters	2 standard filters (450,630nm); 2 more on request (405nm/450nm/492nm/630nm)
Data Management	Software	Windows 7
	LIS System	Bi-direction, support HL7 protocol
	Results	Absorbance and results reviewable by software
Working Conditions	Printer	External optional
	Power Supply	AC220V \pm 10% 50/60Hz; 110V \pm 10% 60H, 400W
Size & Weight	Temperature	10–30°C
	Humidity	30%–80%
	External Size (W*D*H)	933*685*660mm
	Net Weight	130kg
	Package Size(W*D*H)	1085*840*1318mm
	Gross Weight	180kg

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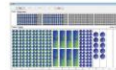
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Auto ELISA Processor BIOBASE 2000



Features:

- ①. 1 robotic arm, 2 pipetting probes (10–1000 μ l).
- ②. 4 unit 96 well microplates (independent incubating).
- ③. 1 unit reader& washer (auto reading and washing).



Software Module
User-friendly Windows system;
LIS system available.



Sample Module
Hitech teflon coating probe to
prevent cross contamination.



**Sample & Reagent &
Dilution Rack Module**
Original sample tubes available;
Rack positions programmable.



**Microplate Reader & Washer
Module**
Modularized automatic control
reading and washing system.

Parameters:

Model		
Sample Unit	Sample Racks	552 sample positions (tubes 13mm)
	Pipetting	8–1000 μ l
	Dispensing System	2 aspirating and dispensing probe (X-Y-Z movement)
Reagent Unit	Reagent Position	23 reagent racks, editable
	Pipetting Range	8–1000 μ l, 1 μ l stepping
	Pipetting Precision	(100 μ l)CV \leq 0.5%
	Dispensing Time	4 minutes to whole 96 well microplates
Washing Unit	Washing Probes	Two line 8-nozzle manifolds
	Wash Containers	Cleaning fluid (15L), waste water (25L), Buffer 1 (5L), Buffer 2 (2L), Buffer 3 (2L), Buffer 4 (2L), with liquid level-sensing, liquid shortage and full alarm
	Waste Containers	25L with waste full sensor
	Washing Residual	< 2 μ l
Reading Unit	Reading Channels	8 independent photometric channels, mono and dichromatic reading
	Absorbance	0.0–3.0 OD
	Spectral Range	400–700nm
	Optical Filters	2 standard filters (450,630nm); 2 more on request (405nm/450nm/492nm/630nm)
Incubation Unit	Reading Accuracy	\pm 1% from 0–1.5OD, \pm 2% from 1.5–3.0 OD
	Incubators	4 independent units
	Temperature Range	RT to 45°C
Data Management	Temperature Accuracy	\pm 0.5°C
	Software System	Windows 7
	LIS System	Bi-direction, support HL7 protocol
Working Conditions	Results	Absorbance and results reviewable by software
	Printer	External optional
Size & Weight	Power Supply	AC220V \pm 10% 50/60Hz; 110V \pm 10% 60Hz, 400W
	Temperature	10–30°C
	Humidity	30%–80%
Size & Weight	External Size(W*D*H)	1235*710*880mm
	Net Weight	146kg
	Package Size(W*D*H)	1380*860*1435mm
	Gross Weight	220kg

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Elisa Microplate Reader BK-EL10C

Features:

- ①. 8-channel vertical optical system.
- ②. Reading speed of 7 seconds.
- ③. 10.1-inch large touch screen with visual layout function.
- ④. Hardware: ARM architecture high-performance low-power
- ⑤. Processor, with ADI high-precision AD conversion chip, the measurement is more accurate and stable.
- ⑥. Software: Self-developed core algorithm, with independent intellectual property rights, flexible use of multiple calculation methods.



Parameters:

Model	BK-EL10C
Measurement Channel	Vertical 8 optical channels
Wavelength Range	400-800 nm
Filter	Standard 4 wavelengths of 405, 450, 492, 630nm; can be installed up to 10 filters (optional)
Reading Range	0.000-4.000 Abs
Linear Range	0.000-3.000 Abs
Repeatability	CV≤1.0%
Stability	≤±0.003Abs
Vibration Plate Function	3 kinds of vibration plate function, adjustable 0-255 seconds
Display	10.1 Inch Large Touch Screen
Power Supply	AC110/220V, 60/50Hz
Net Weight	11kg
Gross Weight	13kg
Instrument Size (W*D*H)	450*320*300mm
Packing Size (W*D*H)	535*395*395mm

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Elisa Microplate Washer BK-9622

Features:

- ①. Up to 100 washing programs, each program independently stores the name of an experiment item and the shape parameter of the microplate.
- ②. A variety of lotion channels are optional, which can be selected by default or manual switching.
- ③. With the function of washing liquid washing pipeline, the washing time can be adjusted, effectively preventing the formation of crystallization.
- ④. The lotion bottle has a uniform volume scale, which is convenient for the preparation of working liquid, and the automatic alarm function is full of waste liquid.



Parameters:

Model	BK-9622
Microplate Types	Applicable to all types of microplates. Flat bottom, V-shaped bottom, U-shaped bottom, round bottom, 96-well
Washing Mode	2 kinds of Automatic washing, Soaking and Shaking, to reduce the interference adsorption during the reaction; 0.999 seconds adjustable.
Average Residue	<1μl
Number of Microplate	1-12 rows adjustable
Cleaning Head	8 channels and 12 channels
Liquid Suction Time	0.1-9.9 seconds adjustable, with an interval of 0.1 seconds
Washing Programs	Up to 100 programs each program independently stores the name of an experiment item and the shape parameter of the microtiter plate
Flushing Pipeline Time	0-240 seconds adjustable
Display	5.0 Inch LCD screen
Liquid Injection Channels	3 (2 types of lotion and 1 type of distilled water)
Cleaning Needle Position	5 types adjustable (Horizontal, Left, Center, Right, Bottom)
Packing Size(W*D*H)	710*510*451mm
Gross Weight	23kg

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Microplate Shaker

Description:

BK-MS200 Thermo Shaker for Microplates is with technique of direct brushless DC motor and PID intelligent temperature control. It is mainly used for shaking and cultivation in Elisa plates (96/384 wells), tissue culture plates(24/48/96 wells).

Features:

- ①. LCD displays system status and parameters.
- ②. Stable and reliable operation with high quality switch.
- ③. Easy to operate with one touch knob.
- ④. Setup the time within 0-100 hours, instrument will make alarm voice when completing.
- ⑤. With power recovery, instrument will continue to run when power recovers from outage.
- ⑥. 12-month warranty.
- ⑦. The mechanism of the incubator-heated base and cover



Parameters:

Model	BK-MS200
Temp. Control Range	RT+5℃~80℃
Timing Range	1min ~ 99h59min
Temp. Accuracy	≤±0.5℃
Display Accuracy	0.1℃
Temp Uniformity	≤±0.5℃
Shaking Speed	200-1600rpm
Orbit	3mm
Capacity	2pcs microplates or culture plates
Power Supply	150W
Voltage	AC100V-240V 50/60Hz
Heating Time	≤20min (from RT. to 80℃)
Dimension	280*270*140mm
Net Weight	7kg
Package Size(W*D*H)	440*360*260mm
Gross Weight	7.5kg

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Microplate Shaker

Description:

BK-MS300 Thermo Shaker for Microplates is a multipurpose thermostatic shaker controlled by brushless DC motor and PID intelligent temperature control technology. The PID fuzzy control technology can be accurate to ensure that the temperature control precision and automatically adjust the heating rate, reduce waiting time. BK-MS300 combines constant temperature and oscillation perfectly together, greatly shorten the experimental operation time, which is the ideal automation tool for samples hatching, catalytic reaction process of preserving, blending, save and etc.

Features:

- ①. Easy to set up and use, all information real-time display and showing set up operation, convenient to observe equipment running status.
- ②. Support standard microplates and deep well plates.
- ③. Brushless DC motor, low noise, small interference, free maintenance.
- ④. Automatic preheating function.
- ⑤. Automatic power recovery function.
- ⑥. Temperature calibration function.
- ⑦. Built-in software and hardware over temperature protection device, will use more reliable.



Parameters:

Model	BK-MS300
Temp. Setting Range	0-80℃
Temp. Control Range	RT+5℃~80℃
Timing Range	1min ~ 99h59min/+∞
Temp. Accuracy	≤±0.5℃
Display Accuracy	0.1℃
Temp Uniformity	≤±0.5℃
Shaking Speed	300-1350rpm
Orbit	3mm
Auto Preheating	Yes
Auto Resume to Run	Yes
Capacity	4Microplates or deep-well plates
Power Supply	300W
Voltage	AC220V or AC110V, 50/60Hz
Heating Time	≤10 min (from 25℃ to 80℃)
Dimension	340*320*200mm
Net Weight	9.5kg
Package Size(W*D*H)	490*450*315mm
Gross Weight	11.5kg

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Elisa Reagent Kits



Parameters:

Product Name	Format	Shelf life(months)	Storage Temperature
Infectious Disease Elisa			
HAV-Ab	96T	12	2-8 °C
HBsAg	96T	12	2-8 °C
HBsAb	96T	12	2-8 °C
HBeAg	96T	12	2-8 °C
HBeAb	96T	12	2-8 °C
HBcAb-IgM	96T	12	2-8 °C
HBsAb Quantitative	96T	12	2-8 °C
HBV Pre-S1 Ag	96T	12	2-8 °C
HCV Ab	96T	12	2-8 °C
HCV-IgM	96T	12	2-8 °C
HIV 1+2 Ab	96T	12	2-8 °C
HIV 1+2 Ag/Ab	96T	12	2-8 °C
Syphilis anti-TP	96T	12	2-8 °C
HDV-IgG	96T	12	2-8 °C
HDV-IgM	96T	12	2-8 °C
HEV-Ab	96T	12	2-8 °C
HEV-Ag	96T	12	2-8 °C
HTLV 1+2 Ab	96T	12	2-8 °C
Fertility Elisa			
LH	96T	12	2-8 °C
B-HCG	96T	12	2-8 °C
Testosterone(T)	96T	12	2-8 °C
FSH	96T	12	2-8 °C
Progesterone(P)	96T	12	2-8 °C
Prolactin	96T	12	2-8 °C
E2	96T	12	2-8 °C



Parameters:

Product Name	Format	Shelf life(months)	Storage Temperature
Tumour Elisa			
FT3	96T	12	2-8 °C
FT4	96T	12	2-8 °C
T3	96T	12	2-8 °C
T4	96T	12	2-8 °C
TSH	96T	12	2-8 °C
Insulin(Ins)	96T	12	2-8 °C
C-P	96T	12	2-8 °C
AFP	96T	12	2-8 °C
CEA	96T	12	2-8 °C
Ferritin	96T	12	2-8 °C
PSA	96T	12	2-8 °C
CA50	96T	12	2-8 °C
CA125	96T	12	2-8 °C
CA153	96T	12	2-8 °C
CA199	96T	12	2-8 °C
Torch Elisa			
CMV (Cytomegalovirus Antibody) IgG	96T	12	2-8 °C
CMV (Cytomegalovirus Antibody) IgM	96T	12	2-8 °C
RV (Rubella Antibody) IgG	96T	12	2-8 °C
RV (Rubella Antibody) IgM	96T	12	2-8 °C
TOX (Toxoplasma Antibody) IgG	96T	12	2-8 °C
TOX (Toxoplasma Antibody) IgM	96T	12	2-8 °C
HSV-I (Herpes Simplex Virus I Antibody) IgM	96T	12	2-8 °C
HSV-II (Herpes Simplex Virus II Antibody) IgM	96T	12	2-8 °C
Others			
COX (Coxsackievirus Antibody) IgG	96T	12	2-8 °C
COX (Coxsackievirus Antibody) IgM	96T	12	2-8 °C
MV (Measles Virus Antibody) IgG	96T	12	2-8 °C
MV (Measles Virus Antibody) IgM	96T	12	2-8 °C
TB (Mycobacterium Tuberculosis Antibody) IgG	96T	12	2-8 °C
TB (Mycobacterium Tuberculosis Antibody) IgM	96T	12	2-8 °C
RSV (Respiratory Syncytial Virus Antibody) IgG	96T	12	2-8 °C
Mg (Mycoplasma Genitalium Antibody) IgG	96T	12	2-8 °C
HPV (Human Papilloma Virus Antibody) IgG	96T	12	2-8 °C
ds-DNA (Double-stranded DNA Antibody) IgG	96T	12	2-8 °C
ss-DNA (Single-stranded DNA Antibody) IgG	96T	12	2-8 °C
ANA (Antinuclear Antibody) IgG	96T	12	2-8 °C
Vitamin D (For Research Use Only)	96T	12	2-8 °C
Vitamin A (For Research Use Only)	96T	12	2-8 °C
Vitamin C (For Research Use Only)	96T	12	2-8 °C
Vitamin B12 (For Research Use Only)	96T	12	2-8 °C

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ESR Analyzer EA20/EA40

Features:

1. Large color display with touch screen.
2. Throughput up to 80T/H.
3. Two kinds of measuring time: 30 mins or 60 mins.
4. ESR curve display and print out.
5. Barcode reader optional.
6. LIS system available.



Parameters:

Model	EA20	EA40
Application	Erythrocyte sedimentation rate analysis	
Measuring Principle	Infrared sensor	
Analysis Result	Westergren ESR value (mm/hr)	
Throughput	Up to 80 samples per hour	
Reading Channels	20	40
Loading Capacity	20 samples at same time	40 samples at same time
Loading Pattern	Random	
Measuring Time	30 minutes or 60 minutes selectable	
Sample Interval	3 minutes	
Measurement Range	(1-140)mm/h	
Temperature Compensation	Refer to 18°C automatically (selectable)	
Reading Resolution	±0.1mm	
Result Resolution	1mm/1h, 1mm/2h	
Blood Level Range	50-64mm	
Display	LCD display	
Input	Touch screen	
Interface	RS-232	
Print	Built-in thermal printer	
Storage	4,000 results	
Power Supply	AC110/220V±10%, 60/50Hz, 50W	
Operation Conditions	Temperature 5-40°C; Humidity≤80%	
Package Size(W*D*H)	380*700*460mm	
Gross Weight	25kg	

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Auto Coagulation Analyzer BK1000A/BK1000C

Features:

1. Optical coagulation testing theory, PT derived FIB function.
2. With automatic and manual dual-mode test functions.
3. Use tilt reagent position, avoid wasting.
4. With LED lighting function.
5. Sampling probe with liquid level sensor and constant heating function, avoid cross-contamination.



Parameters:

Model	BK1000A	BK1000C
Analysis Method	Coagulation method	Coagulation method, Immunoturbidimetry
Analysis Items	PT, APTT, TT, FIB	PT, APTT, TT, FIB, DD, FDP
Throughput	140 Tests/hour	160 Tests/hour
Sample Positions	5	6
Tilt Reagent Position	6	11 refrigerated reagent positions
Interchangeable	/	Yes
Reagent Position	Liquid level sensor and constant heating function	
Sample Probe	Automatic or manual calibration	
Calibration	Automatic or manual calibration	
Lighting	LED	
Alarm	Abnormal test results alarm, insufficient cleaning fluid alarm, waste liquid overflow alarm	
STAT Function	Emergency sample available	
Software	Windows 7/8/10 or above, LIS system available	
Power Supply	AC220V±10%, 60/50Hz, 110V±10%, 60Hz, 320W	
Package Size(W*D*H)	630*610*520mm	
Gross Weight	35Kg	

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Semi-auto Coagulation Analyzer COA01/COA02/COA04



COA01



COA04



COA02

Features:

- Parameters: PT, APTT, TT, FIB, etc.
- Principle: Clotting, optical method.
- Precise electronic pipette.
- Languages: English, French, Spanish, Portuguese, etc.
- Automatic start reagent addition.
- Thermal printer, auto & manual print.
- LIS system available.

Reagent Parameters:

Item	Sample volume	Reagent 1	Reagent 2	Incubating time	CV%
PT	20µl	40µl	/	120s	≤5%
APTT	20µl	20µl	20µl	180s	≤5%
TT	30µl	30µl	/	120s	≤8%
FIB	40µl	20µl	/	180s	≤5%

Parameters:

Model	COA01	COA02	COA04
Testing Channel	1	2	4
Display	4.3"	5"	
Cuvette Incubation Positions	5	12	24
Reagent Incubation Positions	2	5	6
Wavelength	LED 470nm		
Sample Type	Plasma		
Results	10,000 results storage		
Sample Volume	20-40µl		
Available Units	Seconds, Ratio, %, g/L		
Incubation Temperature	37.0±1.0°C		
Relative Humidity	≤85%		
Precision	PT, APTT, FIB:5%; TT:8%(Normal sample)		
Deviation between Channels	≤5%		
Power Supply	AC100-240V, 50/60Hz		
External Size	290*260*135mm	345*325*145mm	375*335*175mm
Net Weight	2.1kg	4.5kg	5.2kg
Package Size	360*360*260mm	440*420*350mm	440*420*340mm
Gross Weight	6.5kg	7kg	7.5kg

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Auto Hematology Analyzer BK-5000

Features:

- Touch screen display
- 3-part differentiation of WBC
- 21 parameters + 3 histograms
- Throughput: 60 samples per hour



Technical Specifications:

Model	BK-5000		
Throughput	60 Tests/hour		
Measuring Principle	Coulter principle, Colorimetry hemoglobin determination		
Parameters	WBC, LY%, MID%, GR%, LY%, MID%, GR%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PDW, PCT, P-LCR, P-LCC		
Histograms	3 Histograms (including WBC, RBC, PLT)		
Sampler Volume	Predilute 20µl Whole blood 10µl		
Display	8" color touch screen display		
Intelligent reagent management function	Reagent information and residual display		
Carryover	WBC:1.5% RBC:HGB<1.5%, PLT:2%		
Printer	External printer		
Input and output	1 RS232, keyboard, Mouse, 4USB, LAN		
Performance	Parameter	Linearity range	Precision (CV%)
	WBC(10 ⁹ /L)	0.0-100.0	2.0 (4.0-10.0)
	RBC(10 ¹² /L)	0.00-9.99	1.5 (3.50-5.50)
	HGB(g/L)	0-300	1.0 (110-160)
Option	PLT(10 ⁹ /L)	0-1000	5.0 (100-300)
	Barcode scanner, LIS		
Operating Environment	Temperature 10-35°C Humidity ≤90%		
Power Supply	AC110/220V±10%, 60/50 Hz		
Package Size(W*D*H)	630*600*700mm	Reagent Package Size(W*D*H)	390*280*260mm
Gross Weight	25kg	Reagent Gross Weight	13kg

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Auto Hematology Analyzer BK-6190

Features:

- Throughput: 60T/H.
- 8 inch touch screen.
- 20 parameters + 3 histograms.
- 3 counting modes.
- 100,000 sample results.
- Support LIS and external printer.



Parameters:

Model	BK-6190				
Throughput	60 Tests/hour				
Measuring Principle	Impedance for cell counting, Cyanide-free method for HGB				
Aperture Diameter	WBC chamber: 100µm, RBC/PLT chamber: 70µm				
Parameters	WBC, Neu#, Lym#, Mid#, Neu%, Lym%, Mid%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PDW, PCT, P-LCR, P-LCC				
Histograms	3 histograms(including WBC, RBC, PLT histograms)				
Sample Volume	Normal: 10µl. Prediluted: 20µl				
Calibration	Manual & auto calibration				
Counting Modes	Venous, capillary, prediluted				
Printer	Built-in thermal printer, USB to external printer(optional)				
Data Input	8 inch touch screen, keyboard, mouse				
Output	RS232 port, USB port, VGA port. LIS system available				
Storage	100,000 results with histogram				
Carry-over Rate	Parameter	WBC	RBC	HGB	PLT
	CV	≤ 2%	≤ 1%	≤ 2%	≤ 2%
Background	Parameter	WBC	RBC	HGB	PLT
	Background	≤ 0.2×10 ⁹ /L	≤ 0.02×10 ¹² /L	≤ 1 g/L	≤ 0.5%
Precision	Parameter	WBC	RBC	HGB	PLT
	CV	≤ 2.0%	≤ 1.0%	≤ 1.0%	≤ 0.4%
Linearity	Measurement range	(4.0-15.0×10 ⁹)/L	(3.5-4.0×10 ¹²)/L	(110.0-180.0g)/L	(80.0-110.0g)/L
	Parameter	WBC	RBC	HGB	PLT
Linearity	Measurement range	(0.5-9×10 ⁹)/L	(0.9-99×10 ¹²)/L	(0-99.0g)/L	(0-99×10 ⁹)/L
	range	(6.0-99.9×10 ⁹)/L	(1.0-9.99×10 ¹²)/L	(100.0-300.0g)/L	100-999×10 ⁹ /L
Power Supply	CV	(±0.3×10 ⁹)/L ±5%	(±0.05×10 ¹²)/L ±5%	(±2.0g)/L ±2%	(±8.0×10 ⁹)/L ±10%
	Power Supply	AC 220±10%, 60/50Hz, 110±10%, 60Hz			
Package Size(W*D*H)	580*470*390mm	Reagent Package Size		450*410*310mm	
Gross Weight	27kg	Reagent Gross Weight		23kg	

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5-Part Auto Hematology Analyzer BK-6310

Features:

- ①. Throughput: 60T/H.
- ②. 14 inch touch screen.
- ③. Tri-angle laser scatter + flow cytometry method
+ impedance method for RBC and PLT counting.
- ④. 3D holographic scattergram displays the accurate 5 part differentiation of WBC.
- ⑤. Large storage capacity: 100,000 results
(including histogram, scattergram, patient information).



Parameters:

Model	BK-6310			
Throughput	60 Tests/hour			
Assay Items	5 parts, 29 parameters, 3 histograms			
Principle	Tri-angle laser scatter, Flow cytometry method, 3D scattergram analysis, Impedance method for RBC and PLT counting, Cyanide free reagent for HGB test			
Test Mode	CBC mode, CBC+DIFF mode Venous whole blood, Capillary whole blood and Prediluted			
Parameters	WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PCT, PDW, P-LCR, P-LCC, NEU%, LYM%, MON%, EOS%, BAS%, NEU#, LYM#, MON#, EOS#, BAS# 4 Research parameter: ALY%, ALY#, IG%, IG#			
Performance	Item	Linearity range	Carry Over	CV
	WBC	0~300x10 ⁹ /L	≤ 0.5%	≤ 2.0%
	RBC	0~8.00x10 ¹² /L	≤ 0.5%	≤ 1.5%
	HGB	0~250g/L	≤ 0.5%	≤ 1.5%
	PLT	0~300x10 ⁹ /L	≤ 1.0%	≤ 4.0%
Sample Volume	CBC+DIFF mode: ≤20μl CBC mode: ≤10μl			
Storage	100,000 results including histogram, scattergram and patient information			
Interface	4 USB ports, 1LAN port Bi-direction LIS, support HL7 protocol, Internal RFID reader			
Power Supply	AC220V±10% 50/60Hz; 110V±10% 60Hz; 400VA			
Package Size(W*D*H)	670*590*790mm			
Gross Weight	53kg			
Reagent Package Size	320*320*290mm			
Reagent Gross Weight	22kg			

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5-Part Auto Hematology Analyzer BK-6400

Features:

- ①. 60 Tests/hour.
- ②. Laser scatter technology.
- ③. Constant linear sheath flow.
- ④. 2 test modes & 2 sample modes.
- ⑤. 3-D topographic maps for WBC.
- ⑥. Integral titanium incubation system.
- ⑦. 28 parameters, 2 histograms, 2 scattergrams.



Parameters:

Model	BK-6400			
Throughput	60 Tests/hour			
Assay Items	5 parts, 28 parameters, 2 histograms, 2 scattergrams			
Test mode	CBC+SDIFF, CBC			
Measuring Principle	Laser Scatter Technology			
Testing Items	Regular Parameters: WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, PDW, MPV, PCT, P-LCR, NEU#, NEU%, LYM#, LYM%, MON#, MON%, EOS#, EOS%, BAS#, BAS% Research Parameters: ALY#, ALY%, IG#, IG%			
Performance	Item	Linear range	Carry over	CV
	WBC	1.0~99.9*10 ⁹ /L	≤0.5%	≤2.0%
	RBC	0.3~7.0*10 ¹² /L	≤0.5%	≤1.5%
	HGB	20~240g/L	≤0.5%	≤1.5%
	PLT	20~999*10 ⁹ /L	≤1.0%	≤4.0%
Storage	100,000 results storage including histogram and scattergram			
LIS Interface	Support HL7 protocol			
QC and Calibration	Multiple QC rules, including L-J, X-B etc Auto and manual calibration function for both whole blood mode and pre-diluted blood mode			
Incubation	Integral titanium incubation system			
Operation	Temperature: 15~30°C			
Environment	Humidity: 30%~85%			
Power supply	AC220V±10% 50/60Hz; 110V±10% 60Hz, 600VA			
Package Size(W*D*H)	730*610*830mm			
Gross Weight	80kg			
Reagent Package Size	320*320*300mm; 340*290*280mm			
Reagent Gross Weight	24kg			

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5 Part Auto Hematology Analyzer BK-6500



2 Test Modes:
CBC+SDIFF mode
CBC mode



2 Sample Modes:
Whole blood sample mode
Pre-diluted blood sample mode

Features:

- ①. Laser scatter technology.
- ②. Constant linear sheath flow.
- ③. 3-D topographic technology.
- ④. Auto-loader, 60 samples/hour.
- ⑤. Integral titanium incubation system.
- ⑥. 28 parameters, 2 histograms, 2 scattergrams.
- ⑦. Random direction tube barcode scanning technology (optional).

Parameters:

Model	BK-6500			
Throughput	60 Tests/hour			
Assay Items	5 parts, 28 parameters, 2 histograms, 2 scattergrams			
Test mode	CBC+SDIFF, CBC			
Measuring Principle	Laser Scatter Technology			
Sample Modes	Autoloader: 50 tubes, auto mixing, random direction tube barcode scanning technology Close tube: STAT priority, support both whole blood and capillary blood samples			
Testing Items	Regular Parameters: WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, PDW, MPV, PCT, P-LCR, NEU#, NEU%, LYM#, LYM%, MON#, MON%, EOS#, EOS%, BAS#, BAS% Research Parameters: ALY#, ALY%, IG#, IG%			
Linearity Range	Item	Linear range	Carry over	CV
	WBC	1.0~99.9*10 ⁹ /L	≤0.5%	≤2.0%
	RBC	0.3~7.0*10 ¹² /L	≤0.5%	≤1.5%
	HGB	20~240g/L	≤0.5%	≤1.5%
	PLT	20~999*10 ⁹ /L	≤1.0%	≤4.0%
Storage	100,000 results storage including histogram and scattergram			
LIS Interface	Support HL7 protocol			
QC and Calibration	Multiple QC rules, including L-J, X-B etc. Auto and manual calibration function			
Incubation	Integral titanium incubation system			
Multi-warning	Reagent inventory check; Abnormal original data warning; Multi warning flags			
Power supply	AC220V±10% 50/60Hz; 110V±10% 60Hz, 600VA			
Computer	External optional			
Package Size(W*D*H)	712*587*730mm			
GrossWeight	104kg			
Reagent Package Size	320*320*300mm; 340*290*280mm			
Reagent Gross Weight	24kg			

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Urine Analyzer UA-100



Features:

- ①. LCD display, keyboard operation.
- ②. Save data automatically.
- ③. Date and number can be input.
- ④. The color and limpidness can be input.
- ⑤. Single test and continuous test are available.
- ⑥. Adopt luminescence source with high brightness to minimize interference of the environment light.

Parameters:

Model	UA-100
Throughput	120 Tests/hour
Display	LCD display
Available Strip	11A
Test Items	Urobilinogen(URO), Bilirubin(BIL), Ketone(KET), Blood(BLD), Protein(PRO), Nitrite(NIT), Leukocytes(LEU), Glucose(GLU), Specific Gravity(SG), PH, Vitamin C(VC)
Principle	Reflection of high-brightness cold light
Printer	Built-in thermal printer, paper type 57mm
Storage	1000 patient datas
Working Environment	Temperature: 15~35°C; humidity: 10~85%
Interface	Standard RS-232 port
Power Supply	AC220V±10%, 50/60Hz; 110V±10% 60Hz
Package Size(W*D*H)	470*410*230mm
Gross Weight	7kg

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Urine Analyzer UA-200



Features:

- ①. 120 samples per hour.
- ②. Sole test and continuous test.
- ③. Reports printing format is optional: "1-1" or number.
- ④. Automatically inputs and records the color and clarity of the urine samples.
- ⑤. Automatically inputs the date and medical record number, inquire conveniently.

Technical Specifications:

Model	UA-200
Measurement Principle	Albedometry
Test Items	14 items, including GLU, BIL, KET, SG, pH, BLD, PRO, URO, NIT, LEU, VC, CRE, CAL, MAL
Test Speed	60-120 tests/ hour
Display	LCD display
Wavelength	525-660nm
Working Environment	Temperature 50C-400C, Humidity<85%
Interface	RS-232, can connect urinalysis/sediment analysis system, LIS system available
Storage	2000 patient datas
Printer	Built-in thermal printer
Fault Diagnosis	Self-test, standard gray-scale test
Leakage Proof	Available, avoid cross contamination
Power Supply	AC220V±10%, 50Hz
Package Size(W*D*H)	490*365*220mm
Gross Weight	7kg

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Auto Urine Analyzer UA-240



Testing Items:

Urobilinogen(UBO), Bilirubin(BIL), Ketone body(KET), Occult blood(BLD), Protein(PRO), Nitrite(NIT), Leukocyte(LEU), Glucose(GLU), Specific gravity(SG), Power of hydrogen(pH), Vitamin C(VC), Micro albumin(MAL), Creatinine(CRF), Calcium ion(CAL).

Features:

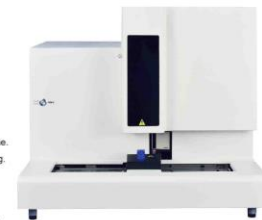
- ①. High-precision sampler.
- ②. Auto mixing before aspirating samples.
- ③. Particular IC card control system and system upgrade function.
- ④. Drum-type test strip storehouse, could accommodate 200 strips.
- ⑤. STAT: emergency insert dedicated location.

Parameters:

Model	UA-240
Assay Method	Albedometry
Test Speed	240 Tests/hour
Sample Rack	5 test tube racks(5*10 samples)
Sample Volume	Not lower than the marked scale line on the test tube rack
Sampling Volume	<1.0ml
Wavelength	525nm, 610nm, 660nm
Storage	20,000 results
Interface	RS-232
Language	English and Spanish. Other languages on request
Print	Built-in thermal printer
Working Environment	Temperature: 15~35°C; Humidity: 57%
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz
Fuse Specification	250V, 2A
Package Size(W*D*H)	765*555*995mm
Gross Weight	83kg

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Urinary Sediment Analysis System US-120



Test items:

Erythrocytes, White blood cells, Pus cells, Squamous epithelial cells, Non-squamous epithelial cell, Clear cast, Unclassified cast, Crystal, Bacteria, Blood bacteria, Sperm, Mucus, etc.

Features:

- ①. Automatic focusing function, no need of focusing liquid.
- ②. Sample waiting area can accommodate 60 samples at a time.
- ③. Automatic orbital 10-tube sample racks continuous sampling.
- ④. Single needle, 4-channel sampling design, equivalent to 4 instruments in testing.
- ⑤. Use of planar flow technique, medical image information fusion technology and intelligence visual recognition technology.

Reagent Parameters:

Model	US-120
Test Speed	120 Tests/hour
Counting Cell	Four channels
Sample Volume	22.5 ml
Sampling Volume	0.5ml
Sensitivity	<10μl
Repeatability(CV)	<10%
Pollution Rate	<0.05%
False Negative Rate	<3%
Recognition Rate	>95%
Data Storage	200,000 results
Language	English. Other languages on request
Printer	External printer
Working Environment	18~30°C
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz
Package Size(W*D*H)	1160*280*770mm
Gross Weight	100kg

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Auto Electrolyte Analyzer BKE Series

Features:

- ①. Automatic electric potential tracking and correcting software.
- ②. Automatically detect and filter tiny bubbles.
- ③. Real-time diagnostic of system working status.
- ④. Waste liquid automatic detection and alarming.
- ⑤. Automatic calibration and two-point correction.
- ⑥. Wave theory flushing method and direct flushing pipe method.
- ⑦. High accurate and long life electrode and TCO_2 sensor.
- ⑧. Sleep mode to reduce reagent consumption.
- ⑨. Rapid test speed of 80 tests per hour.
- ⑩. Option: Sample tray.



Model	Measuring Range	Resolution	Measuring Precision
K^+	0.5-20.0mmol/L	0.01 mmol/L	≤1.0%
Na^+	15-200mmol/L	0.1 mmol/L	≤1.0%
Cl^-	15-200mmol/L	0.1 mmol/L	≤1.0%
Ca^{2+}	0.1-5.0mmol/L	0.01 mmol/L	≤1.0%
Li^+	0.1-5.0mmol/L	0.01 mmol/L	≤2.0%
pH	4-9pH	0.01 pH	≤0.5%
TCO_2	2.0-70.0mmol/L	0.1 mmol/L	≤3.0%

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Parameter:

Item	BKE Series	
Sample	Serum, plasma, whole blood, cerebrospinal fluid and dilute urine	
Measuring Speed	≤ 25s	
Analysis Method	Ion selective electrode (ISE)	
Sample Volume	60-300μl (3 parameters to 11 parameters)	
Sample Position	35 Positions (including 1 QC)	
Storage	Up to 10,000 test results	
Printer	Built-in thermal printer	
Interface	RS232 port	
Working Conditions	Power Supply	AC220V±10% 50/60Hz; 110V±10% 60Hz; 120W
	Temperature	5~40°C
	Relative Humidity	≤ 80 %
	Atmospheric Pressure	(86-106) kPa
Package Size (W*D*H)	490*390*700mm	
Gross Weight	27kg	

Model	Test Items
BKE-A	K, Na, Cl
BKE-B	K, Na, Cl, TCO_2 , AG
BKE-C	K, Na, Cl, iCa, nCa, TCa, pH
BKE-D	K, Na, Cl, iCa, nCa, TCa, pH, TCO_2 , AG
BKE-F	K, Na, Cl, Li
BKE-H	K, Na, Cl, iCa, nCa, TCa, pH, Li
BKE-I	K, Na, Cl, iCa, nCa, TCa, pH, Li, TCO_2 , AG
BKE-J	K, Na, Cl, Mg
BKE-K	K, Na, Cl, iCa, nCa, TCa, pH, Mg
BKE-L	K, Na, Cl, iCa, nCa, TCa, pH, Li, Mg, TCO_2 , AG

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Blood Gas & Electrolyte Analyzer BGE800 Series

Features:

- ①. 10.4" TFT touch screen
- ②. Infrared human-dector
- ③. Auto QC Cartridge
- ④. Easy to use, fast data input
- ⑤. Cost-saving standby mode
- ⑥. Rich data management
- ⑦. Flexible and simple calibrants cartridge
- ⑧. Friendly operation interface



Models:

BGE-800: pH(CH), pCO₂, pO₂, K, Na⁺, Cl⁻, Ca⁺⁺, Hct
BGE-800A: pH, pCO₂, pO₂, Hct

Measured Parameters:

Test Items	Measuring Range	Unit
pH(CH)	6.000-9.000	pH scale
pCO ₂	1.607-26.67	kpa
	8.0-200.0	mmHg
pO ₂	0-106.7	kpa
	0-800.0	mmHg
K	0.5-15.0	mmol/L
Na ⁺	20.0-200.0	mmol/L
Cl ⁻	20.0-200.0	mmol/L
Ca ⁺⁺	0.3-5.0	mmol/L
Hct	12.0-65.0	%
B.P.	500-800	mmol/L
Glu	1.1-66.7	mmol/L
Lac	0.4-30.0	mmol/L

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Derived(Calculated) Parameters

pH(TC)	pH Temperature Corrected
pCO ₂ (TC)	pCO ₂ Temperature Corrected
pO ₂ (TC)	pO ₂ Temperature Corrected
TCO ₂	Total Carbon Dioxide
HCO ₃	Actual Plasma Bicarbonate
BEb	Base Excess in Blood
BEecf	Base Excess in Extra Cellular Fluids
SBC	Standard Bicarbonate
sO ₂ %	Calculated Oxygen Saturation Percentage
Ca ⁺⁺ (7.4)	Ionized Calcium Normalized* to pH 7.4
TCa	Total Calcium Content
AG	Anion Gap
RI	Respiratory Index
AaDO ₂	Alveolar Arterial Oxygen Gradient
O ₂ SAT	Oxygen Saturation
Hb(c)	Hemoglobin (Calculated)

Model	BGE-800/BGE-800A
Sample	Whole blood, Serum, Plasma, Dialysate, CSF
Input Parameters	Patient Temperature, Hemoglobin, FIO ₂ , B.P.
Analysis Time	< 90s
Sample Volume	95ul (whole blood), 35ul (capillary blood)
Calibration	Automatic, Programmable, One-point and Two-point
Data Storage	More than 10000 Results
Display	10.4" TFT Touch Screen
Battery	Lead Acid Battery, 2.3Ah
Printer	Built in Thermal Printer, 70mm
Barcode Reader	Up to 14 Kinds Barcode Type
Interface	Serial Line RS-232
	TCPIP Interface
	USB Port
	Integrated Bar-code Reader
Working Temperature	15°C~30°C
Storage Environment	5°C~45°C
Power Supply	100-240V-50/60Hz
Package Size(W*D*H)	800*680*640mm
Gross Weight	50kg

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Nucleic Acid Collection Safety Station



Application:

Automatic nucleic acid extraction and purification system for the extraction of DNA or RNA from a variety of materials, such as whole blood, tissue, throat swab, etc., without centrifugation or filtration operation.

Features:

- ①. High purity extraction, easy to operate and fully automated.
- ②. High throughput, can process 1-96 samples at a time, save time.
- ③. With professional extraction kit, extraction process optimization.
- ④. Large program capacity, can store 1-100 groups of programs.
- ⑤. With constant temperature function to ensure the best reaction temperature in the purification process.
- ⑥. Friendly operation interface, easy to understand, no external computer, no special training.
- ⑦. Compact appearance, solid material, long design life.



Genetic Screening (E-SNP)



Tissue Typing



Chip Technology



Transgene Screening



Paternity Testing



Forensic Testing



Microbiology Testing



Plant Molecular Biology Research

Parameters:

Model	BNP-96
Screen	10.1 inch touch
Sample Volume	20μl-1000μl
Sample Capacity	1-96
Magnetic Bead Recovery	≥98%
Extraction Time	15-40 minutes
Extracting the Difference Between Holes	CV≤3%
Consumption	500W
Operating Temperature	RT - 120 °C
Product Purity A260/A280	DNA≥1.7-2.0; RNA≥1.8-2.1
Shock Mixing	Adjustable Speed (1-3)
Reagent Type	Open System for Magnetic Bead Method
Program Storage	≥100 groups
Safety Door Design	Safety door opened, the program operation will be automatically suspended, avoid cross-contamination
Disinfection Method	UV Light, Aerosol adsorption
Power Supply	AC100V-240V 50Hz/60Hz
External Size(W*D*H)	770*530*540mm
Package Size(W*D*H)	910*670*780mm
Gross Weight	95kg

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Nucleic Acid Extraction System



Features:



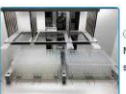
①. Friendly user interface: Smart & intelligent display. With 10.1 inch LCD touch screen, Windows operating system.



②. Zero Aerosol Contamination: High efficiency HEPA filter and Auto safety door protection function, effectively prevent aerosol contamination. HEPA filter and UV lamp replacement alarm functions.



③. UV Sterilization Lamp: With manual or set automatic opening time UV lamp, sterilizing the operation area easily and effectively.



④. Integrated Shaking & Heating Module: Mix deep wells while heating, saving extraction time.



⑤. Concave design heating belt fits the deep hole tube, ensure rapid and uniform temperature rise, improve the splitting and elution efficiency.

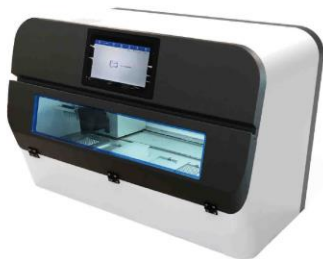
Parameters:

Model	BK-HS32
Extraction Method	Magnetic Beads
Sample Capacity	32
Processing Volume	20~1000μl
Extraction Time	15~60min
Magnetic Bead Recovery	≥98%
Extraction Difference Between Wells	<3%
Magnetic Rod Flux	4500Gs
Temperature Range	Adjustable heating function, RT-100 °C
Oscillating Mixing	Vertical Mixing, low, medium, high three gears adjustable
Module Station	2
Protection Function	Star up self-checking, power off protection, high temperature alarm, over temperature protection, motor protection
Disinfection Method	8W UV Lamp
Illuminating Lamp	3.4W LED Lamp
Operation Interface	10.1 inch capacitive touch screen / Windows system
Barcode Scanning Function	Optional external barcode scanner
Project Storage	>1000
Interface	2 USB port, optional LAN port
Contamination Control	Class II HEPA filter can effectively filter the internal aerosol and prevent cross contamination
IAP Function	Firmware can be updated online at any time
Power Supply	AC100~240V 50Hz/60Hz
External Size(W*D*H)	450*440*532mm
Package Size(W*D*H)	538*538*750mm
Gross Weight	37kg

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Automatic Nucleic Acid Extraction System



Application:

BK-HS96 is a high throughput, high sensitivity automatically extracted nucleic acid purification equipment, matching nucleic acid extraction kits is used to automatically complete the extraction of sample nucleic acid, flexible, stable result, low cost, equipped with efficient filtration device and safety gate design, it can effectively avoid cross infection and ensure the quality of nucleic acid extraction., guarantee the quality of nucleic acid.

Features:

- ①. Display: 10.1 inch touch screen, easy to operate
- ②. Accurate temperature control and rapid temperature rise, can be adopted to actively reduce to room temperature and store samples in a short time at low temperature.
- ③. The module is integrated with shaking and heating, which can be mixed with shaking while heating, saving extraction time.
- ④. Equipped with ultraviolet disinfection lamp, HEPA high efficiency filter and safety door protection function, it can effectively prevent aerosol pollution.

Parameters:

Model	BK-HS96
Nucleic Acid Extraction Method	Paramagnetic particle method
Sample Capacity	96-well
Sample Volume	20-1000ul
Extraction Time	15min-60min
Magnetic Bead Recovery	≥98%
Magnetic Flux of Bar	3000-6000Gs, can change others
Operating Temperature	RT-105℃
Shock Function	Yes
Temperature Accuracy	0.1℃
Sample Protection Function	Power on self-check, power off protection, high-temperature alarm, over-temperature protection
Disinfection Method	UV Light
Safety Door Design	The instrument is suspended when the safety door is opened
Operating System	Windows system
Scanning	Optional
Storage	>1000
Interface	USB interface
Power Supply	AC100-240V 50Hz/60Hz
Package Size(W*D*H)	1138*733*1028mm
Gross Weight	130kg

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Nucleic Acid Extraction Kit (Viral DNA RNA Extraction) (Magnetic Bead Method)



Application:

The magnetic beads and buffer system with unique separation effect can be used to extract high-purity viral DNA/RNA from samples quickly, highly sensitively and efficiently.

The extracted and purified nucleic acid can be used in various common downstream experiments such as restriction digestion, reverse transcription, PCR, RT-PCR, Southernblot, etc.

Method Advantage:

- ①. Safe and efficient
- ②. Less time requirement

Extraction process:

Add lysis- add magnetic bead- separate magnetic bead-washing- Separate magnetic

Product advantage:

- ①. High sensitivity: High-quality nucleic acid can be extracted after the positive samples are diluted by 104 and 107 respectively 10⁴
- ②. Good repeatability: Good repeatability of extracting the same sample



Reagent For BNP32



Reagent For BK-HS32



Reagent For BNP96



Reagent For BK-HS96

Parameters:

Model	Specification	Note Mark
Nucleic Acid Extraction Kit I	50T/Box	Manual
Nucleic Acid Extraction Kit II	64T/Box	Auto for BK-HS32
Nucleic Acid Extraction Kit III	96T/Box	Auto For BK-HS96
Nucleic Acid Extraction Kit IV	32T/Box; 64T/Box	Auto for BNP-32&48
Nucleic Acid Extraction Kit V	96T/Box	Auto for BNP-96

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Water Purifier (RO & DI water)

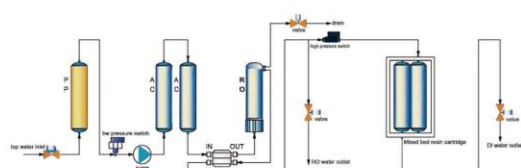


SCSJ-I-10L



SCSJ-II-30L

Purifying procedure:



PF: Pre-treatment Filter AC: Activated Carbon RO: Reverse Osmosis DI: Ion Exchange

Parameters:

Model	SCSJ-I-10L	SCSJ-II-30L
Water Output Type	RO & DI water	
Water Output Speed	10L/H	30L/H
Purifying Procedure	PF+AC+RO+DI	
Water Supply Requirement	Tap water: TDS<200ppm, 5~45°C, 1.0~3.5Kg/cm ²	
Pre-treatment	10 PP filter*1+10" Activated carbon *2	
RO Unit	100GPD RO membrane*1	
Subsequent Unit	Deion purification column*1	
Pure Water Quality	Soluble organic matter: Rejection rate>99% (molecular weight>100)	
	Particle: Rejection rate>99%	
	Microbe: Rejection rate>99%	
	Salt rejection rate: >99%	
	TDS (total solids solubility): RO water: 5-10 ppm	
	Resistivity: 7.0~10.0 MQ-cm	
	PM (particulate matter) (>0.22µm): <1/ml	
Water Quality Monitor	Conductivity: 0.143~0.100 µs/cm	
	Microbe/Germ: <1 CFU/ml	
	TDS (Total Dissolved Solids) meter	
Consumption	48W	200W
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz	
Standard Configuration	Main body (include 1 set of cartridges)+TDS meter	
External Size (W*D*H)	394*390*502mm	325*403*550mm
Package Size (W*D*H)	531*551*621mm	391*471*1176mm & 700*300*250mm
Gross Weight	38kg	41kg

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Automatic Nucleic Acid Extraction System



BK-AutoHS96 adopts vacuum blood vessels directly to the machine, and integrates the sample carrier, reagent carrier, gun head carrier, sample adding arm, grasping arm, oscillation heating module, refrigeration module, magnetic suction module, bar code scanning module, protection system, transportation system and industrial control system. With one-button convenient operation and standardized workflow, it can greatly reduce manual operation errors and improve the accuracy of test results, thus providing a systematic solution for creating a highly refined, simplified, automated and systematic laboratory.

Features:

- * 48/96 sample
- * Display: 10.4 inch touch screen
- * Shaking and heating integrated, save extraction time
- * Pressure heating integrated detection, automatic detection of liquid aspiration and liquid clogging
- * Build-in operation software with error self-check function, show the remaining time for the completion of the experiment

Technical Parameter:

Model	BK-AutoHS96
Sample Type	Serum, plasma, whole blood, secretions, exudate, tissue, throat swab, anal swab, urine, feces, etc
Sample Flux	Rapid extraction ≤96 tests/batches; Magnetic bead extraction ≤96 tests/batches
Extracting Time	Rapid extraction 96 tests ≤30 minutes; Magnetic bead extraction 48 tests ≤ 60 minutes, 96 tests ≤90 minutes
Sample Tube	Compatible with all specification of the original sample tube
Pipetting Volume	2~1000µL
Mechanical Arm	4 sample adding channels and 1 grasping arm, can be automatically corrected to save moving time
Sampling Function	Automatic level detection, clot detection, tip head detection, air tightness detection
Extracting Principle	Rapid extraction method, magnetic bead method
Magnetic Field Control	Permanent magnet mode, super strong three-dimensional surround magnetic absorption technology
Mixer Mode	Blend the omnidirectional liquid vortex
Temperature range	RT~120°C adjustable
Anti-pollution System	UV lamp, top exhaust system, moving path anti-pollution function
Barcode scanning	Sample scanning system, supporting a variety of barcodes
The software system	Windows 7
The interface type	USB, RS232 port, support LIS system
Operating Environment	Temperature: 15 ~ 35°C, Relative Humidity: 15 ~ 90%
Package Size (W*D*H)	1400*960*910mm; 1400*960*1110mm; 1500*960*250mm
Gross Weight(kg)	385

Blood Thaw Machine



BTM-10



BTM-15



BTM-25

Application:

Blood thaw machine is used for thawing or warming blood components packed in plastic bags such as frozen plasma, erythrocyte concentrate and whole blood.

Features:

- * Stainless steel chamber.
- * With temperature control and sensing system to achieve a high temperature-control accuracy.
- * The water circulation system thaws quickly, fully, without instantaneous temperature difference, and will not destroy the effective components of plasma.
- * Using magnetic pumps without any noise, running quietly.
- * With automatic drying function, reducing the immersion time.
- * With over temperature alarm and automatic power-off function.
- * Automatically enter the sleep state to save power when it is not operated.



Isolated water type



Swing type



Water bath type

Technical Parameters:

Model	BTM-10	BTM-15	BTM-25
Type	Table top	Vertical	
Blood Bags (100-200ml)	5~10 pcs	10~15 pcs	20~25 pcs
Water Storage	16kg±5%	35kg±5%	60kg±5%
Thaw Type	Standard	Circulating water bath	
	Optional	Isolated water type	Swing type, isolated water plus swing type, isolated water type
Circulating Flow	30L/min	30L/min	60L/min
Display	Touch screen	LCD	
Temp. Control Range	RT~60℃		
Temp. Control Accuracy	±0.2℃		
Thawing Time	10~15min		
Consumption	1.5KW	2.2KW	3KW
Optional Accessory	Bar code scanner	Automatic descaling device, wireless temperature and humidity monitor, UV disinfection, bar code scanner	
Power Supply	AC110/220V±10%, 50/60Hz		
External Size(W*D*H)	540*415*450mm	540*410*870mm	540*600*900mm
Package Size(W*D*H)	565*430*500mm	585*475*1060mm	585*660*1060mm
Gross Weight	30kg	44kg	58kg

Elisa Microplate Reader BK-EL10C

Advantage:

- * 8-channel vertical optical system.
- * Reading speed of 7 seconds.
- * 10.1-inch large touch screen with visual layout function.
- * Hardware: ARM architecture high-performance low-power processor, with ADI high-precision AD conversion chip, the measurement is more accurate and stable.
- * Software: Self-developed core algorithm, with independent intellectual property rights, flexible use of multiple calculation methods.



Technical Parameter:

Model	BK-EL10C
Measurement Channel	Vertical 8 optical channels;
Wavelength Range	400~800 nm
Filter	Standard 4 wavelengths of 405,450,492,630nm; can be installed up to 10 filters (optional)
Reading Range	0.000~4.000 Abs
Linear Range	0.000~3.000 Abs
Repeatability	CV≤1.0%
Stability	≤±0.003Abs
Vibration Plate Function	3 kinds of vibration plate function,adjustable 0~255 seconds
Display	10.1-inch Large Touch Screen
Power Supply	AC110/220V, 60/50Hz
Net Weight	11kg
Gross Weight	13kg
Instrument Size (W*D*H)	450mm*320mm*300mm
Packing Size (W*D*H)	535mm*395mm*395mm

Elisa Microplate Washer BK-9622

Features:

- * Up to 100 washing programs, each program independently stores the name of an experiment item and the shape parameter of the microplate.
- * A variety of lotion channels are optional, which can be selected by default or manual switching.
- * With the function of washing pipeline, the washing time can be adjusted, effectively preventing the formation of crystallization.
- * The lotion bottle has a uniform volume scale, which is convenient for the preparation of working liquid, and automatic alarm when the waste water is full.



Technical Parameter:

Model	BK-9622
Microplate Types	Applicable to all types of microplates. Flat bottom, V-shaped bottom, U-shaped bottom, round bottom; 96-well
Washing Mode	2 kinds of automatic washing, Soaking and Shaking, to reduce the interference adsorption during the reaction; 0-999 seconds adjustable.
Average Residue	<1 μ l
Number of Microplate	1- 12 rows adjustable
Cleaning Head	8 channels and 12 channels
Liquid Suction Time	0.1-9.9 seconds adjustable, with an interval of 0.1 seconds
Washing Programs	Up to 100 programs, each program independently stores the name of an experiment item and the shape parameter of the microplate
Pipeline Washing Time	0-240 seconds adjustable
Display	5.0 inch LCD screen
Liquid Injection Channels	3 channels (2 types of lotion and 1 type of distilled water)
Cleaning Needle Position	5 types adjustable (Horizontal, Left, Center, Right, Bottom)
Packing size(W*D*H):	710*510*451mm
Gross Weight	23kg

Nucleic Acid Extraction System



BNP32



BNP48

operation process:



Features:

- * 7-inch touch screen, easy to use, fast response
- * User-defined cracking and elution temperature
- * UV disinfection function, time range 1min-24hour
- * Automatic control system, no need connect to computer
- * Free programming to meet the needs of different reagent
- * Open system, fully automatic, stable results and good repeatability
- * Extract rapidly 15-40 minutes, 32/48 samples can be extracted at the same time

Technical Parameter:

Model	BNP32	BNP48
Sample Quantity	32	48
Processing Volume	20 μ L-1000 μ L	
Sample Volume	20-500 μ L	
Sample Throughput	1-32	48
Magnetic Bead Recovery	>98%	
Extracting the Difference Between Holes	CV \leq 3%	
Heating Temperature	8 independent heating modules, customize lysis and elution temperature (temperature range) according to your needs	
Oscillating Mixing	Low, medium and high three gears are adjustable, and the fluctuation range can be adjusted with the reagent volume	
Reagent Type	Magnetic bead open platform	
Extraction Time	15-40 min/round (depending on the reagent used)	
Internal Program	Be able to store >100 groups of programs	
Program Management	Powerful program editing capabilities to meet different reagent needs. U disk program import and export can be achieved	
Safety Door Design	After the safety door is opened, the program operation will be automatically suspended, and the program can continue to run after the safety door closed	
Built-in Air Duct	No	Yes
Ultraviolet Irradiation	Yes	
Packing Size(W*D*H)mm	580*510*700	700*520*750
Gross Weight(kg)	51	80

Nucleic Acid Collection Safety Station

Application:

Nucleic acid collection safety station is a product designed for throat and nasal swab sampling. It can transport clean and safe air into the interior space through the configured ventilation and purification system, and keeps the internal pressure relatively positive.

Through the construction of isolated positive pressure space, the air inside the cabin can be isolated from the outside, so as to prevent the external air from entering the cabin. This can effectively protect the safety of internal medical staff and avoid infection due to sampling work.

At the same time, it can improve the operation flexibility and comfort of medical staff, save detection time and improve detection efficiency.



NCS-I



NCS-II

Features:

- * The main body adopts prefabricated house structure, which is convenient for transportation and installation. And it can be flexibly customized to adapt to various sites.
- * Equipped with HEPA filter, it can provide a Class 100 cleanliness and positive pressure condition, which effectively keep the isolation of medical staff to ensure their safety.
- * The front window glass is equipped with long rubber gloves and dialogue system, which make the process of sampling convenient and fast. So the medical staff does not need to contact with the sampled personnel directly.
- * There is no sense of bondage and discomfort caused by wearing protective clothing. By using this station, the working strength can be reduced and can save the cost of epidemic prevention supplies.
- * With built-in well-known brand wall-hanging air conditioner, the station can provide a good working condition for medical staff.
- * It can accommodate more than one person at the same time, which is convenient for complete tasks cooperatively.
- * It is suitable for outdoor installation and use or others that need to be protected.

Technical Parameters:

Model	NCS-I	NCS-II
External Size (W*D*H)	\geq 1200mm*1200mm*2400mm	\geq 2800mm*1800mm*2400mm
Internal Size (W*D*H)	\geq 1000mm*1000mm*2200mm	\geq 2600mm*1600mm*2200mm
User	1-2 Person	1-3 Persons
HEPA Filter	99.995% efficiency at 0.3 μ m	
Noise	\leq 75dB(A)	
Consumption	\leq 1500W	\leq 2000W
Average Illumination	\geq 350lx	
Illuminating Lamp	20W	20W*2
UV Sterilizing Equipment	Philips	Philips
Pass Box	/	Internal size: 400*400*400mm
Interphone	Main machine+ subsidiary machine	
Conditioner	1HP (735W)	
Gross Weight	280kg	500kg
Packing Size (W*D*H)	1700*1600*2800mm	3200*2300*2800mm