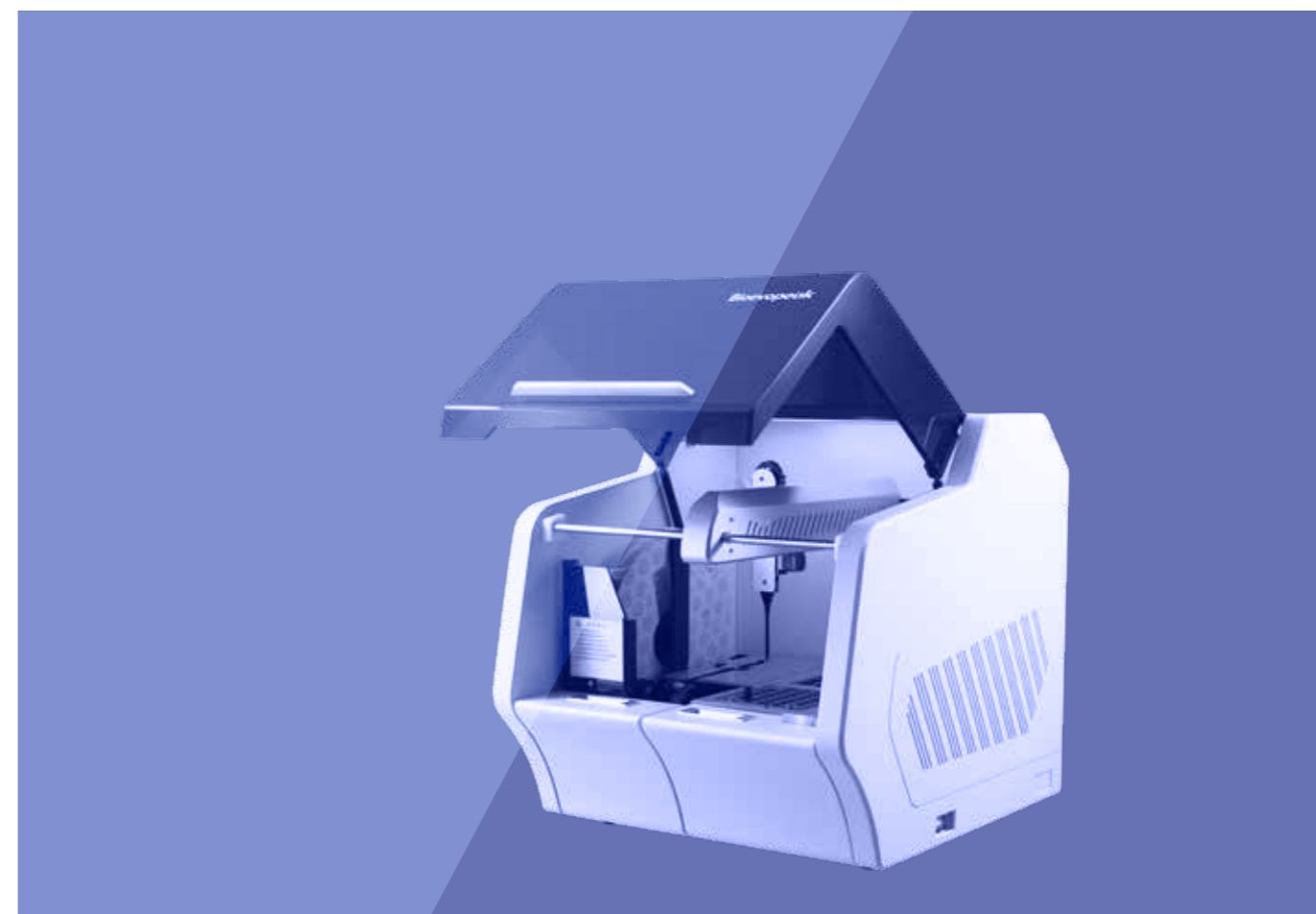


# COAGULATION ANALYZER

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# Fully Automatic Coagulation Analyzer

BCA-A-4-6



## Features



With LED work lighting



Full automatic and manual dual-mode test function



Automatic or manual scaling function



Alarm function for insufficient test cup and reagent



## Description

- The full-automatic coagulation tester adopts the solid test method and immune turbidimetry test, which is mainly used in the emergency detection of medium and high-end customers, and better meets the full-automatic detection needs of small customers.

## Advantages

- The full-automatic sampling and testing system reduces 20 operating procedures for manual detection of semi-automatic instruments, greatly improving work efficiency.
- It not only has the four detection functions of coagulation routine, but also has the detection functions of D-dimer, FDP and other coagulation related special items, so as to provide more complete diagnostic data for clinical practice. The instrument can be connected to Lis system for easy management.
- The automatic sample adding and testing system ensures the consistency and accuracy of test results of different operators, and eliminates errors and medical risks caused by manual operation.
- With refrigeration function, interchangeable inclined reagent position and sample adding system with constant temperature heating and liquid level sensing, the reagent can be used longer to avoid waste and ensure the accuracy of test results.
- The sampling probe has the functions of liquid level induction and constant temperature heating.
- Dynamic test solidification curve can be displayed.
- With batch test and emergency priority insertion test function.
- With abnormal test result alarm and automatic retest function.
- With cleaning liquid shortage alarm, waste liquid overflow alarm function.
- Optical coagulation method background scanning, remove jaundice, high-fat background interference function.

## Specifications

Model	BCA-A-4-6
Test Speed (Ts/h)	100
Probe	1
Test Method	Optical
Test Items	APTT, PT, FIB,TT
Test Channels	4
Sample Position	5
Reagent Position	6
Refrigeration Function	yes
Washing Position	1
Optical Cuvettes Loading	4
LED Lighting LED	Yes
Insufficient Alarm for Cuvettes, Reagents,Detergent	Yes
Overflow Alarm for Waste Liquid	Yes
LIS System	Yes
Weight	30Kg
Dimension	53*47*42cm

# Fully Automatic Coagulation Analyzer

## BCA-A-4-20



### Features



With LED lighting system



Dual mode test function of automatic sampling and manual sampling



With multi-point calibration and quality control management functions



With duplex communication function between instrument and LIS and open custom report mode



### Description

It adopts coagulation method, immunoturbidimetric method and chromogenic substrate method, and can test all coagulation related test items such as conventional four items, D-D, FDP, AT, etc



### Advantages

- The combination of automatic sample adding system, pre temperature system, ten channel multi methodology testing system, cup feeding system, manipulator cup grasping system, cleaning system and bar code identification system greatly improves the work efficiency.
- It has the detection function of four conventional coagulation items, factors, D-dimer, FDP and other coagulation related special items, so as to provide complete clinical diagnostic data. The instrument can be connected to Lis system to facilitate data management.
- The magnetic bead method completely avoids the interference of jaundice, hemolysis and abnormal turbidity of chyle samples, ensures the consistency and accuracy of test results, and eliminates test errors and medical risks.
- The inclined reagent position with refrigeration function and the sample adding system with constant temperature heating and liquid level sensing make the reagent use longer to avoid waste and ensure the accuracy of test results.

- Test position: The four-channel multi-method test system can test all coagulation items and significantly improve the test speed.
- Sample position: Interchangeable sample position to meet the needs of large sample volume. The operation process is convenient and simple.
- Injection needle: The micro injection pump and the injection needle are highly integrated. The injection volume and test results are extremely accurate and easy to maintain.
- Reagent kit: The instrument is equipped with four coagulation routines, D-dimer, FOP and other coagulation detection reagents, quality control materials, and calibrators are independently developed and produced, with a complete traceability system.
- Alarm function: abnormal alarm of test results and automatic repeated test function; When the reagent is insufficient, the sampling probe automatically transposes or reports energy; Insufficient test cup and reagent, insufficient detergent, waste liquid overflow and cover opening alarm function

### Specifications

Model	BCA-A-4-20
Test Speed (Ts/h)	200
Probe	1
Test Method	Coagulation(magnetic beads), Immunoturbidimetry,chromogenic substrate
Test Items	PT, APTT, FIB, TT, D-dimer, FDP, AT-III, all Factors, FM, APC-R, PC, PS, vWF, HEP, LMWH, AT, PLG, PAI, TAFI, Free-Ps, AP, HNF/UFH
Test Channels	4
Sample Position	35
Pre-heating Channels	20
Reagents Position	21 (20+1)
Sampling Arm	1
Washing Position	1
Cuvettes Loading System	Drawer style
Reagent Loading System	Drawer style
Sample Loading System	Drawer style
Magnetic Cuvettes Loading	1000
Auto Positioning	Yes
Integrated Sampling Pump System	Yes
Inner Card Reading Function	Yes
Bar Code Recognition Function	Yes
LED Lighting	Yes
Four Direction Cooling	Yes
Insufficient Alarm for Cuvettes, Reagents,Detergent	Yes
LIS System	Yes
Weight	110Kg
Dimension	60*62*65cm

## Coagulation Analyzer/ Coagulometer

### BCA-SA-2-8



- ◆ Double magnetic route
- ◆ Auto-linked pipette
- ◆ Testing channel: 2
- ◆ 7" color Touch Screen
- ◆ Built-in thermal printer

### Performance

- ◆ Double magnetic route, stable performance without interference
- ◆ The CPU adopt ARM technology to measure the motion of the magnetic ball to work out the coagulation time
- ◆ It can perform multi-parameter simultaneously with better accuracy, precision and repetition
- ◆ 100 assay parameters and 1000 test results can be saved
- ◆ Clock CMOS chip inserted
- ◆ Reagent-open system
- ◆ Built-in thermal printer
- ◆ Interface: RS232, USB, pipette-linked port
- ◆ Power supply: AC220V±15%, 50Hz, 80VA

### Specifications

Model	BCA-SA-2-8
Test method	double magnetic route
Sample consumption	≤200uL
Reagent consumption	50uL~200uL
Temperature	37°C ±0.5°C
Adding sample	by a timing linkage
Precision	CV ≤3%
Test speed	≤300s(depend on setting)
Sample warming up position	8
Reagent warming up position	6
Dimension	370(L)x290(W)x120(H)mm
Weight	4Kg(net), 6Kg(gross)

### Test itmes

- ◆ Main test:  
PT/APTT/TT/FIB
- ◆ Others:  
Hep/ProC/ProS/Coagulation factor  
II,V,VII,VIII,IX,X,XI,XII/AT-III/AT/RepT/  
RVVT/RVVCT/RVVRT/LA

## Coagulation Analyzer/ Coagulometer

### BCA-SA-4-16



- ◆ Double magnetic route
- ◆ Auto-linked pipette
- ◆ Testing channel: 4
- ◆ 7" color Touch Screen
- ◆ Built-in thermal printer

### Performance

- ◆ Double magnetic route, stable performance without interference
- ◆ The CPU adopt ARM technology to measure the motion of the magnetic ball to work out the coagulation time
- ◆ It can perform multi-parameter simultaneously with better accuracy, precision and repetition
- ◆ 100 assay parameters and 1000 test results can be saved
- ◆ Clock CMOS chip inserted
- ◆ Reagent-open system
- ◆ Built-in thermal printer
- ◆ Interface: RS232, USB, pipette-linked port
- ◆ Power supply: AC220V±15%, 50Hz, 80VA

### Specifications

Model	BCA-SA-4-16
Test method	double magnetic route
Sample consumption	≤200uL
Reagent consumption	50uL~200uL
Temperature	37°C ±0.5°C
Adding sample	by a timing linkage
Precision	CV ≤3%
Test speed	≤300s(depend on setting)
Sample warming up position	16
Reagent warming up position	6
Dimension	370(L)x290(W)x120(H)mm
Weight	4Kg(net), 6Kg(gross)

### Test itmes

- ◆ Main test:  
PT/APTT/TT/FIB
- ◆ Others:  
Hep/ProC/ProS/Coagulation factor  
II,V,VII,VIII,IX,XI,XII/AT-III/AT/RepT/  
RVVT/RVVCT/RVVRT/LA



# Semi-Auto Coagulation Analyzer

BCA-SA-1-6S



## Description

- Coagulation analyzer is a routine testing medical device that measures the content of various components in human blood, quantifies the results of biochemical analysis, and provides reliable digital basis for clinical diagnosis of various diseases of patients.



**LCD display**  
240\*128 large LCD display.



**Open reagent**  
Low reagent consumption less than 20µL



**Adding sample bracket**  
Special testing cup location system



**Electronically-linked pipette optional**



**Internal thermal-sensitive printer**



**RS232 interface**  
RS232 interface, PC connecting for management software

## Features

- Advanced scattered light principle and percentage analysis ensure accurate results.
- Advanced optical light matching system ensure precision result.
- Optional PT Derived method for testing fibrinogen, decrease the dosage of reagent
- Memory for 10,000 testing result
- Perform all routine tests such as PT, APTT, TT Fibrinogen and clotting factors

## Specifications

Model	BCA-SA-1-6S
Testing channels	1 channel
Sample pre-warming position	6 positions
Reagent pre-warming position	2 positions
Software timer	1
Test wavelength	470nm
Sample consumption	20µL-40µL
Reagent consumption	20µL-40µL
Temp control precision	37±0.3 C
Repeatability	CV < 2%
Coincidence indicator	≤3%
Memory	10000 test result
Notation of Result	S, %, PTR, INR, g/L
Operation language	English
Electricity	220VAC±15% 50-60Hz
Dimensions(L*W*H)	380*320*230 mm
Packing dimensions(L*W*H)	500*460*290 mm
Working environment	Temperature: 15 C-30 C; Humidity≤90%
Net weight	6.5kg
Gross weight	8.5kg
Optional language	English

# Semi-Auto Coagulation Analyzer

BCA-SA-2-16S



## Description

- Coagulation analyzer is a routine testing medical device that measures the content of various components in human blood, quantifies the results of biochemical analysis, and provides reliable digital basis for clinical diagnosis of various diseases of patients.



### LCD display

240\*128 large LCD display.



### Open reagent

Low reagent consumption less than 20 $\mu$ L.



### Adding sample bracket

Special testing cup location system



### Internal thermal-sensitive printer



### Internal thermal-sensitive printer



### RS232 interface

RS232 interface, PC connecting for management software

## Features

- Advanced scattered light principle and percentage analysis ensure accurate results.
- Advanced optical light matching system ensure precision result.
- Optional PT Derived method for testing fibrinogen, decrease the dosage of reagent
- Memory for 10,000 testing result
- Perform all routine tests such as PT, APTT, TT Fibrinogen and clotting factors

## Specifications

Model	BCA-SA-2-16S
Testing channels	2 channel; 2 different parameters analysis in the same time
Sample pre-warming position	16 positions
Reagent pre-warming position	3 positions
Software timer	2
Test wavelength	470nm
Sample consumption	20 $\mu$ L-40 $\mu$ L
Reagent consumption	20 $\mu$ L-40 $\mu$ L
Temp control precision	37 $\pm$ 0.3 $^{\circ}$ C
Repeatability	CV < 2%
Coincidence indicator	$\leq$ 3%
Memory	10000 test result
Notation of Result	S, %, PTR, INR, g/L
Operation language	English
Electricity	220VAC $\pm$ 15% 50-60Hz
Dimensions(L*W*H)	380*320*230mm
Packing dimensions(L*W*H)	500*460*290mm
Working environment	Temperature: 15 $^{\circ}$ C -30 $^{\circ}$ C; Humidity $\leq$ 90%
Net weight	6.5kg
Gross weight	8.5kg
Optional language	English

# Semi-Auto Coagulation Analyzer

BCA-SA-4-24S



## Description

- Coagulation analyzer is a routine testing medical device that measures the content of various components in human blood, quantifies the results of biochemical analysis, and provides reliable digital basis for clinical diagnosis of various diseases of patients.



### LCD display

240\*128 large LCD display.



### Open reagent

Low reagent consumption less than 20 $\mu$ L.



### Adding sample bracket

Special testing cup location system



### Multifunction keyboard



### Internal thermal-sensitive printer



### RS232 interface

RS232 interface, PC connecting for management software

## Features

- Advanced scattered light principle and percentage analysis ensure accurate results.
- Advanced optical light matching system ensure precision result.
- Optional PT Derived method for testing fibrinogen, decrease the dosage of reagent
- Memory for 10,000 testing result
- Perform all routine tests such as PT, APTT, TT Fibrinogen and clotting factors.

## Specifications

Model	BCA-SA-4-24S
Testing channels	4 different parameters analysis in the same time
Sample pre-warming position	24 positions
Reagent pre-warming position	6 positions
Software timer	4
Test wavelength	470nm
Sample consumption	20 $\mu$ L-40 $\mu$ L
Reagent consumption	20 $\mu$ L-40 $\mu$ L
Temp control precision	37 $\pm$ 0.3 $^{\circ}$ C
Repeatability	CV < 2%
Coincidence indicator	$\leq$ 3%
Memory	10000 test result
Notation of Result	S, %, PTR, INR, g/L
Operation language	English
Electricity	220VAC $\pm$ 15% 50-60Hz
Dimensions(L*W*H)	380*320*230mm
Packing dimensions(L*W*H)	500*460*290mm
Working environment	Temperature: 15 $^{\circ}$ C -30 $^{\circ}$ C; Humidity $\leq$ 90%
Net weight	7kg
Optional language	English