BioLAB

PRODUCT CATALOG

AUTOMATED BLOOD CULTURE SYSTEM

CE ISO9001 CERTIFIED

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AUTOMATED BLOOD CULTURE SYSTEM BJS1D1

LABSTAR BLOOD CULTURE SYSTEM

Accurate Faster User-friendly overall Solution for Automated Blood Culture
Workable for small-sized clinical laboratories
50 bottles capacity
Accurate, fast, and user-friendly
Fully Automated Blood Culturing Monitoring for Laboratory Work Efficiency Improvement:
Barcode reading is for automatic input of specimen information
Constant temperature culturing with every 10 minutes dynamic monitoring
Real-time record of growth curve for easy view
Alert for positive results by alarm sound and color
More accurate and faster test results-short TAT (turnaround time):
The principle of light reflection and absorption (colorimetry) ensures more reli

SPECIFICATIONS

Model	BJS1D1
Old Model	BBCS-101
Specimen Number	50 specimens
Specimen Collection	Negative pressure quantitative blood sampling
Culture Method	Constant temperature, rotating and shaking culture
Testing Method	Optical detection + color development at the bottom of the bottle, using both technologies at the same time
Testing Time	The instrument automatically detects and records each specimen every ten minutes, and forms a curve at the same time
Positive Alarm Time	More than 90% of the positive specimens can be alarmed within 24 hours, and the specimens can be delayed on the machine
Culture Bottle Types	A complete range of culture bottles: standard culture bottles, adult antibiotic neutralization culture bottles, children antibiotic neutralization culture bottles, anaerobic antibiotic neutralization culture bottles, etc., suitable for the growth of various bacteria; culture bottles for various special bacteria can be customized
Culture Bottle Material	Polyester material
Neutralization of antibiotics	A variety of resins to adsorb residual antibiotics; at the same time, adsorb antibacterial factors and immune factors
Barcode	Removable double barcodes for bottle placing, taking, and data querying
Specimen Information	Unlimited storage, query, statistics of patient data input, growth curve and other related information at any time
Operation Interface	The instrument has a graphic display of the bottle position on the computer interface and a display of the culture curve
Culture Condition Setting	The pre-setting culture time and temperature can be modified at any time
Alarm Mechanism	Perfect alarm processing mechanism, positive and negative status indication, wrong operation prompt, wrong bottle position prompt
After-Sales Service	The software can be free upgraded for life, and related functions can be added under user's requirements
Quality System	ISO9001, ISO13485
Working Environment	Temperature 10°C-25°C, humidity: 10%-90%
Power	AC220V 50Hz
Alt Name	Automated Blood Culture System

ACCESSORIES FOR PURCHASE

No	Name	Volume (ml)
1	Adult Antibiotic Neutralization Culture Bottle	25 ml
2	Pediatric Antibiotic Neutralization Culture Bottle	25 ml
3	Anaerobic Antibiotic Neutralization Culture Bottle	25 ml


1

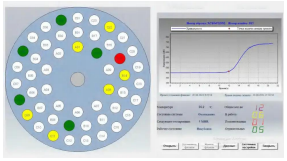

2

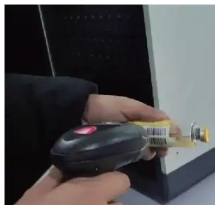

3

FEATURES

Accurate Faster User-friendly overall Solution for Automated Blood Culture
Workable for small-sized clinical laboratories
50 bottles capacity
Accurate, fast, and user-friendly

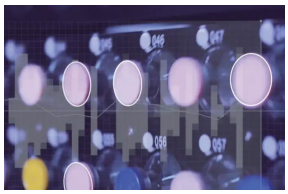
Fully Automated Blood Culturing Monitoring for Laboratory Work Efficiency Improvement:
Barcode reading is for automatic input of specimen information
Constant temperature culturing with every 10 minutes dynamic monitoring
Real-time record of growth curve for easy view
Alert for positive results by alarm sound and color





More accurate and faster test results-short TAT (turnaround time):
The principle of light reflection and absorption (colorimetry) ensures more reliable results
Automatic shaking cultivation speeds up microbial growth
Multiple algorithms are for accurate and reliable results
Delayed placement supporting and secondary cultivation of bottles
≥90% positive detection of specimens within 24 hours

ISO9001 and 13485 Certified



Humanized software and hardware design for more convenient and comfortable operation:
Automatic identification and alert for incorrect bottle placement to avoid operation errors
Bottle placement and retrieval anytime without affecting the time-to-positivity
Graphical user interface for easier operation
Powerful query, statistical and export functions for clinical data analysis

AUTOMATED BLOOD CULTURE SYSTEM BJS1H1

LABSTAR BLOOD CULTURE SYSTEM

Accurate Faster User-friendly Overall Solution for Automated Blood Culture:
Workable for large size laboratory
60 bottles capacity
Solid hot weld pool for direct heating and temperature control
Automated blood culturing and monitoring significantly improve lab work efficiency:
Barcode reading is for automatic input of specimen information.
Constant temperature culture with every 10 minutes dynamic monitoring.
Growth curve real-time display.
Visible light of corresponding bottle position is for minimizing bottle placing and removing error.
Bottle blind placement and removal.

SPECIFICATIONS

Model	BJS1H1
Old Model	BBCS-102
Specimen Number	60 specimens
Specimen Collection	Negative pressure quantitative blood sampling
Culture Method	Constant temperature, rotating and shaking culture
Testing Method	Optical detection + color development at the bottom of the bottle, using both technologies at the same time
Testing Time	The instrument automatically detects and records each specimen every ten minutes, and forms a curve at the same time
Positive Alarm Time	More than 90% of the positive specimens can be alarmed within 24 hours, and the specimens can be delayed on the machine
Culture Bottle Types	A complete range of culture bottles: standard culture bottles, adult antibiotic neutralization culture bottles, children antibiotic neutralization culture bottles, anaerobic antibiotic neutralization culture bottles, etc., suitable for the growth of various bacteria; culture bottles for various special bacteria can be customized
Culture Bottle Material	Polyester material
Neutralization of antibiotics	A variety of resins to adsorb residual antibiotics; at the same time, adsorb antibacterial factors and immune factors
Barcode	Removable double barcodes for bottle placing, taking, and data querying
Specimen Information	Unlimited storage, query, statistics of patient data input, growth curve and other related information at any time

Operation Interface	The instrument has a graphic display of the bottle position on the computer interface and a display of the culture curve
Culture Condition Setting	The pre-setting culture time and temperature can be modified at any time
Bottle	Blind placement and blind picking function, support anonymous bottle culture
Expansion method	Multiple devices can be cascaded, and the number of testing
Automatic calibration of the instrument	The instrument testing has the function of self-test and self-calibration, and completes the quality control by itself
After-Sales Service	The software can be free upgraded for life, and related functions can be added under user's requirements
Quality System	ISO9001, ISO1348
Working Environment	Temperature 10°C-30°C, humidity: ≤85%
Power	AC220V 50Hz
Alt Name	Automated Blood Culture System

ACCESSORIES FOR PURCHASE

No	Name	Volume (ml)
1	Adult Antibiotic Neutralization Culture Bottle	25 ml
2	Pediatric Antibiotic Neutralization Culture Bottle	25 ml
3	Anaerobic Antibiotic Neutralization Culture Bottle	25 ml


1

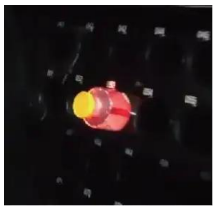

2


3

FEATURES

Accurate Faster User-friendly Overall Solution for Automated Blood Culture:
Workable for large size laboratory
60 bottles capacity
Solid hot weld pool for direct heating and temperature control

Automated blood culturing and monitoring significantly improve lab work efficiency:
Barcode reading is for automatic input of specimen information.
Constant temperature culture with every 10 minutes dynamic monitoring.
Growth curve real-time display.
Visible light of corresponding bottle position is for minimizing bottle placing and removing error.
Bottle blind placement and removal.
Workable for anonymous bottle culturing and alarming.
Triple alarm indicates positive result:Sound,Light,Color



More accurate and rapid test results shorten TAT time:
More reliable result using principle of light reflection and absorption (Color metric Technology)
Solid heat weld pool provides a more stable culture temperature for each bottle by direct heating
Automatic swing oscillation culture accelerates microbial growth
Various algorithms cooperate with each other to ensure accurate and reliable results
Supports delayed placement and secondary incubation of culture bottle
Detection rate ≥90% of positive specimens within 24 hours.

Humanized hardware and software design for more convenient and easier operation:
Graphical operation interface is easier to operate
Powerful query statistics export function facilitates clinical data analysis
Ergonomic design is more comfortable for user

AUTOMATED BLOOD CULTURE SYSTEM BJS1E1

LABSTAR BLOOD CULTURE SYSTEM

Accurate Faster User-friendly Overall Solution for Automated Blood Culture:
Workable for small-sized clinical laboratories
100 bottles capacity
Accurate, fast, and user-friendly
Fully Automated Blood Culturing Monitoring for Laboratory Work Efficiency Improvement:
Barcode reading is for automatic input of specimen information
Constant temperature culturing with every 10 minutes dynamic monitoring
Real-time record of growth curve for easy view
The corresponding bottle position is lighted up when the bottle is placed
Alert for positive results by alarm sound and color
More accurate and faster test results-short TAT (turnaround time):

SPECIFICATIONS

Model	BJS1E1
Old Model	BBCS-103
Specimen Number	100 specimens
Specimen Collection	Negative pressure quantitative blood sampling
Culture Method	Constant temperature, rotating and shaking culture

Testing Method	Optical detection + color development at the bottom of the bottle, using both technologies at the same time
Testing Time	The instrument automatically detects and records each specimen every ten minutes, and forms a curve at the same time
Positive Alarm Time	More than 90% of the positive specimens can be alarmed within 24 hours, and the specimens can be delayed on the machine
Culture Bottle Types	A complete range of culture bottles: standard culture bottles, adult antibiotic neutralization culture bottles, children antibiotic neutralization culture bottles, anaerobic antibiotic neutralization culture bottles, etc., suitable for the growth of various bacteria; culture bottles for various special bacteria can be customized
Culture Bottle Material	Polyester material
Neutralization of antibiotics	A variety of resins to adsorb residual antibiotics; at the same time, adsorb antibacterial factors and immune factors
Barcode	Removable double barcodes for bottle placing, taking, and data querying
Specimen Information	Unlimited storage, query, statistics of patient data input, growth curve and other related information at any time
Operation Interface	The instrument has a graphic display of the bottle position on the computer interface and a display of the culture curve
Culture Condition Setting	The pre-setting culture time and temperature can be modified at any time
Bottle	Automatic prompt function of wrong position bottle
Automatic calibration of the instrument	The instrument testing has the function of self-test and self-calibration, and completes the quality control by itself
After-Sales Service	The software can be free upgraded for life, and related functions can be added under user's requirements
Quality System	ISO9001, ISO9001 13485
Working Environment	Temperature 10°C-25°C, humidity: 10%-90%
Power	AC220V 50Hz
Alt Name	Automated Blood Culture System

ACCESSORIES FOR PURCHASE

No	Name	Volume (ml)
1	Adult Antibiotic Neutralization Culture Bottle	25 ml
2	Pediatric Antibiotic Neutralization Culture Bottle	25 ml
3	Anaerobic Antibiotic Neutralization Culture Bottle	25 ml


1

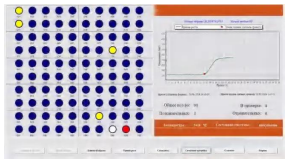

2

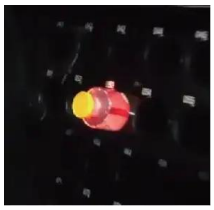

3

FEATURES

Accurate Faster User-friendly Overall Solution for Automated Blood Culture:
Workable for small-sized clinical laboratories
100 bottles capacity
Accurate, fast, and user-friendly

Fully Automated Blood Culturing Monitoring for Laboratory Work Efficiency Improvement:
Barcode reading is for automatic input of specimen information
Constant temperature culturing with every 10 minutes dynamic monitoring
Real-time record of growth curve for easy view
The corresponding bottle position is lighted up when the bottle is placed
Alert for positive results by alarm sound and color





More accurate and faster test results-short TAT (turnaround time):
The principle of light reflection and absorption
(colorimetry) ensures more reliable results
Automatic shaking cultivation speeds up microbial growth
Multiple algorithms are for accurate and reliable results
Delayed placement supporting and secondary cultivation of bottles
≥90% positive detection of specimens within 24 hours
ISO9001 and 13485 Certified

Humanized software and hardware design for more convenient and comfortable operation:
Automatic identification and alert for incorrect bottle placement to avoid operation errors
Bottle placement and retrieval anytime without affecting the time-to-positivity
Graphical user interface for easier operation
Powerful query, statistical and export functions for clinical data analysis

AUTOMATED BLOOD CULTURE SYSTEM BJS1F1

LABSTAR BLOOD CULTURE SYSTEM

Accurate Faster User-friendly Overall Solution for Automated Blood Culture:
Workable for small-sized clinical laboratories
120 bottles capacity
Accurate, fast, and user-friendly
Fully Automated Blood Culturing Monitoring for Laboratory Work Efficiency Improvement:
Barcode reading is for automatic input of specimen information
Constant temperature culturing with every 10 minutes dynamic monitoring
Real-time record of growth curve for easy view
The corresponding bottle position is lighted up when the bottle is placed
Alert for positive results by alarm sound and color
More accurate and faster test results-short TAT (turnaround time):

SPECIFICATIONS

Model	BJS1F1
Old Model	BBCS-104
Specimen Number	120 specimens
Specimen Collection	Negative pressure quantitative blood sampling
Culture Method	Constant temperature, rotating and shaking culture
Testing Method	Optical detection + color development at the bottom of the bottle, using both technologies at the same time
Testing Time	The instrument automatically detects and records each specimen every ten minutes, and forms a curve at the same time
Positive Alarm Time	More than 90% of the positive specimens can be alarmed within 24 hours, and the specimens can be delayed on the machine
Culture Bottle Types	A complete range of culture bottles: standard culture bottles, adult antibiotic neutralization culture bottles, children antibiotic neutralization culture bottles, anaerobic antibiotic neutralization culture bottles, etc., suitable for the growth of various bacteria; culture bottles for various special bacteria can be customized
Culture Bottle Material	Polyester material
Neutralization of antibiotics	A variety of resins to adsorb residual antibiotics; at the same time, adsorb antibacterial factors and immune factors
Barcode	Removable double barcodes for bottle placing, taking, and data querying
Specimen Information	Unlimited storage, query, statistics of patient data input, growth curve and other related information at any time
Operation Interface	The instrument has a graphic display of the bottle position on the computer interface and a display of the culture curve
Culture Condition Setting	The pre-setting culture time and temperature can be modified at any time
Bottle	Automatic prompt function of wrong position bottle
Automatic calibration of the instrument	The instrument testing has the function of self-test and self-calibration, and completes the quality control by itself
After-Sales Service	The software can be free upgraded for life, and related functions can be added under user's requirements
Quality System	ISO9001, ISO9001 13485
Working Environment	Temperature: 10°C-25°C, humidity: 10%-90%
Alt Name	Automated Blood Culture System

ACCESSORIES FOR PURCHASE

No	Name	Volume (ml)
1	Adult Antibiotic Neutralization Culture Bottle	25 ml
2	Pediatric Antibiotic Neutralization Culture Bottle	25 ml
3	Anaerobic Antibiotic Neutralization Culture Bottle	25 ml


1

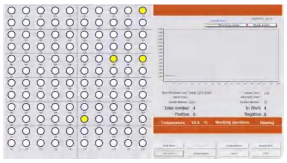

2

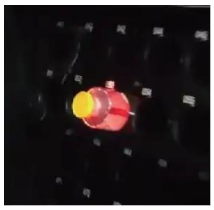

3

FEATURES

Accurate Faster User-friendly Overall Solution for Automated Blood Culture:
Workable for small-sized clinical laboratories
120 bottles capacity
Accurate, fast, and user-friendly

Fully Automated Blood Culturing Monitoring for Laboratory Work Efficiency Improvement:
Barcode reading is for automatic input of specimen information
Constant temperature culturing with every 10 minutes dynamic monitoring
Real-time record of growth curve for easy view
The corresponding bottle position is lighted up when the bottle is placed
Alert for positive results by alarm sound and color





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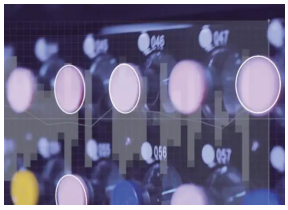

Humanized software and hardware design for more convenient and comfortable operation:
Automatic identification and alert for incorrect bottle placement to avoid operation errors
Bottle placement and retrieval anytime without affecting the time-to-positivity
Graphical user interface for easier operation
Powerful query, statistical and export functions for clinical data analysis

AUTOMATED BLOOD CULTURE SYSTEM BJS1G1

LABSTAR BLOOD CULTURE SYSTEM

60*4 independent incubator;
metal frame, independent heating;
Random placement and removal, workable for anonymous bottle culturing;
Modular design for bottle number increasing; - Specimen placement and classification with a colorful light indication for easy recognization;
Original "heat capacity pool" design for perfect constant temperature cultivation;
Modular and low-resistance slide rail for friendly operation;
15-inch full-touch screen and multi-axis swing arm bracket for easy touch and easy operation;
More accurate and rapid test results shorten TAT time:
More reliable result using principle of light reflection and absorption (Color m

SPECIFICATIONS

Model	BJS1G1
Old Model	BBCS-105
Specimen position	240 specimen for a single machine; 4 incubators, 60 specimens for a single incubator
Instrument scalability	Modular management mode, which can be expanded to 64 instruments (15360 bottle positions)
Heating and temperature control	Drawer type incubator, independent heating for effective temperature control
Operation interface	Graphic display of bottle position on computer interface, display of culture process curve
Blind placement	Supports blind placement and blind picking; supports anonymous bottle culture and distinguishes anonymous bottle shapes
Barcode	The use of barcodes for bottle setting/removing is convenient and quick to avoid errors; and the double barcode design ensures the consistency of the specimen and the report.
Culture Method	Constant temperature, rotating and shaking culture
Testing Method	Optical detection + color development at the bottom of the bottle, using both technologies at the same time
Testing Time	The instrument automatically detects and records each specimen every ten minutes, and forms a curve at the same time
Cultivation curve	The growth curve of specimen culture is displayed dynamically and in real time throughout the whole process, multiple alarm calculation modes, and accurate analysis and judgment results
Positive alarm time	More than 90% of the positive specimens can be alarmed within 24 hours, and the specimens can be delayed on the machine
Alarm mechanism	Perfect alarm processing mechanism, positive and negative status indication, error operation prompt
Alarm duration setting	The preset alarm duration can be modified (system default: 120 hours)

Specimen Information	Provide patient data input, growth process curve and other related information for unlimited storage, and provide query and statistics at any time
Quality System	ISO9001, ISO13485
After-Sales Service	Free lifetime upgrade of operating software
Working Environment	10°C-30°C, Relative humidity: ≤85%
Power	AC220V / 50Hz power: 650VA
Alt Name	Automated Blood Culture System

ACCESSORIES FOR PURCHASE

No	Name	Volume (ml)
1	Adult Antibiotic Neutralization Culture Bottle	25 ml
2	Pediatric Antibiotic Neutralization Culture Bottle	25 ml
3	Anaerobic Antibiotic Neutralization Culture Bottle	25 ml


1


2


3

FEATURES

60*4 independent incubator;
metal frame, independent heating;
Random placement and removal, workable for anonymous bottle culturing;
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classification with a colorful light indication for easy recognization;
Original "heat capacity pool" design for perfect constant temperature cultivation;
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More accurate and rapid test results shorten TAT time:
More reliable result using principle of light reflection and absorption (Color metric Technology)
Solid heat weld pool provides a more stable culture temperature for each bottle by direct heating
Automatic swing oscillation culture accelerates microbial growth
Various algorithms cooperate with each other to ensure accurate and reliable results
Supports delayed placement and secondary incubation of culture bottle
Detection rate ≥90% of positive specimen within 24 hours

Humanized hardware and software design for more convenient and easier operation:
Integrated touch screen design saves space.
Multi-drawer incubator design realizes independent heating and temperature control.
Modular design supports multi-instrument cascade expansion.
Graphical operation interface is easier to operate.
Powerful query statistics export function facilitates clinical data analysis.
Ergonomic design is more comfortable for users.

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