



# AUTOMATED BLOOD CULTURE SYSTEM BBCS-103



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## 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	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:

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100 bottles capacity

Accurate, fast, and user-friendly

Fully Automated Blood Culturing Monitoring for Laboratory Work Efficiency Improvement:

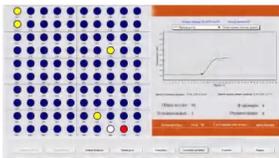
Barcode reading is for automatic input of specimen information

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



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