



# AUTOMATED BLOOD CULTURE SYSTEM BBCS-102

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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	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  $\geq 90\%$  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



**Biolab Scientific Ltd.**

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada

Email: [info@biolabscientific.com](mailto:info@biolabscientific.com) | Website: [www.biolabscientific.com](http://www.biolabscientific.com)