



AUTOMATED BLOOD CULTURE SYSTEM BACS-101

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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	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

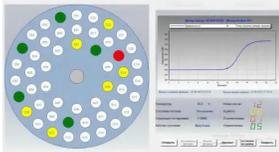


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FEATURES

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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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