



## AUTOMATED BLOOD CULTURE SYSTEM BJS1G1 (BBCS-105)

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## 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 recognition;  
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



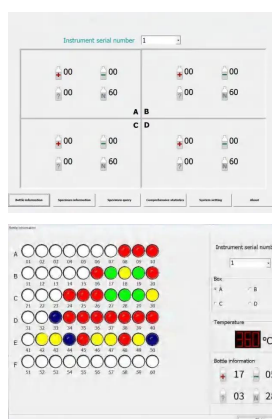
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## FEATURES

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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  $\geq 90\%$  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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