

## Accurate Faster User-friendly Overall Solution for Automated Blood Culture

- Workable for large size laboratory
- 240 bottles capacity
- 60\*4 independent incubator
- Solid hot weld pool for direct heating and temperature control

## LABSTAR EX Automated Blood Culture System

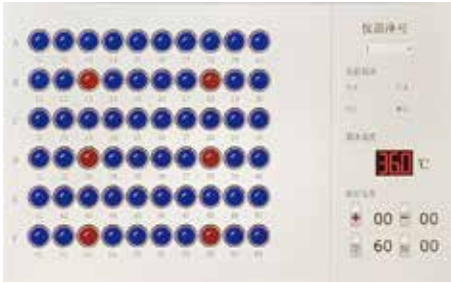
Scenker Biological Technology Co., Ltd.



<b>Model</b>	LABSTAR EX
<b>Capacity</b>	240 bottles
<b>Expandability</b>	Yes
<b>Protections</b>	Automatic power-off protection in case of overloading and short circuit
<b>Ambient temperature</b>	10°C~30°C
<b>Relative humidity</b>	RH ≤ 85 %



## 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 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 realize 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 user

## Blood Enrichment Culture Bottles

### Adult Antibiotic Neutralization Culture Bottle

AEROBIC-A-25	25ml	50bottles/box
AEROBIC-A-30	30ml	300bottles/carton
AEROBIC-A-40	40ml	

### Pediatric Antibiotic Neutralization Culture Bottle

AEROBIC-P-25	25ml	50bottles/box
AEROBIC-P-30	30ml	300bottles/carton
AEROBIC-P-40	40ml	

### Anaerobic Antibiotic Neutralization Culture Bottle

ANAEROBIC-A-25	25ml	50bottles/box
ANAEROBIC-A-30	30ml	300bottles/carton
ANAEROBIC-A-40	40ml	





## Accurate Faster User-friendly Overall Solution for Automated Blood Culture

- Workable for medium size laboratory
- 120 bottles capacity
- 60\*2 independent incubator
- Solid hot weld pool for direct heating and temperature control

## LABSTAR Plus Automated Blood Culture System

Scenker Biological Technology Co., Ltd.



<b>Model</b>	LABSTAR Plus
<b>Capacity</b>	120 bottles
<b>Expandability</b>	Yes
<b>Protections</b>	Automatic power-off protection in case of overloading and short circuit
<b>Ambient temperature</b>	10°C~30°C
<b>Relative humidity</b>	RH ≤ 85 %



## 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
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- Multi-drawer incubator design realize 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 user

### Blood Enrichment Culture Bottles

#### Adult Antibiotic Neutralization Culture Bottle

AEROBIC-A-25	25ml	50bottles/box
AEROBIC-A-30	30ml	300bottles/carton
AEROBIC-A-40	40ml	

#### Pediatric Antibiotic Neutralization Culture Bottle

AEROBIC-P-25	25ml	50bottles/box
AEROBIC-P-30	30ml	300bottles/carton
AEROBIC-P-40	40ml	

#### Anaerobic Antibiotic Neutralization Culture Bottle

ANAEROBIC-A-25	25ml	50bottles/box
ANAEROBIC-A-30	30ml	300bottles/carton
ANAEROBIC-A-40	40ml	





## Accurate Faster User-friendly Overall Solution for Automated Blood Culture

- Workable for small size laboratory
- 60 bottles capacity
- Solid hot weld pool for direct heating and temperature control

## LABSTAR 60 Automated Blood Culture System

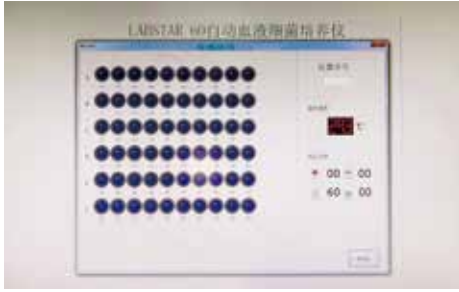
Scenker Biological Technology Co., Ltd.



<b>Model</b>	LABSTAR 60
<b>Capacity</b>	60 bottles
<b>Expandability</b>	Yes
<b>Protections</b>	Automatic power-off protection in case of overloading and short circuit
<b>Ambient temperature</b>	10°C~30°C
<b>Relative humidity</b>	RH ≤ 85%



## 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, Color

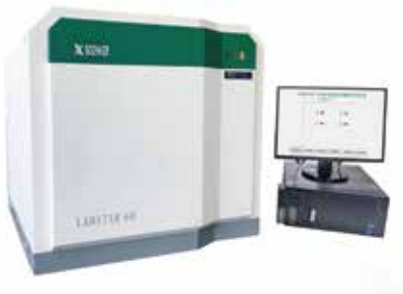


## More accurate and rapid test results shorten TAT time

- 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 specimen within 24 hours



## Humanized hardware and software design for more convenient and easier operation



- Modular design supports multi-instrument cascade expansion
- Powerful query statistics export function facilitates clinical data analysis

### Blood Enrichment Culture Bottles

#### Adult Antibiotic Neutralization Culture Bottle

AEROBIC-A-25	25ml	50bottles/box
AEROBIC-A-30	30ml	300bottles/carton
AEROBIC-A-40	40ml	

#### Pediatric Antibiotic Neutralization Culture Bottle

AEROBIC-P-25	25ml	50bottles/box
AEROBIC-P-30	30ml	300bottles/carton
AEROBIC-P-40	40ml	

#### Anaerobic Antibiotic Neutralization Culture Bottle

ANAEROBIC-A-25	25ml	50bottles/box
ANAEROBIC-A-30	30ml	300bottles/carton
ANAEROBIC-A-40	40ml	





## Accurate Faster User-friendly Overall Solution for Automated Blood Culture

- Workable for small size clinical laboratories
- 50 bottles capacity
- Accurate, fast, and user-friendly

## LABSTAR 50 Automated Blood Culture System

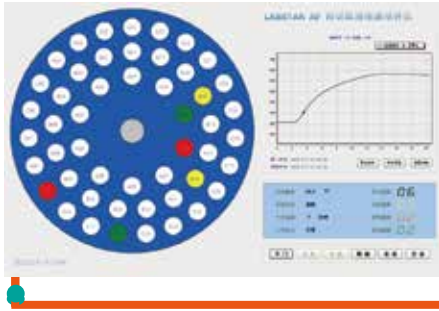
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<b>Model</b>	LABSTAR 50
<b>Capacity</b>	50 bottles
<b>Expandability</b>	No
<b>Protections</b>	Automatic power-off protection in case of overloading and short circuit
<b>Ambient temperature</b>	10°C~30°C
<b>Relative humidity</b>	RH ≤ 85%



# 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 microbia growth
- Multiple algorithms are for accurate and reliable results
- Delayed placement supporting and secondary cultivation of bottles
- $\geq 90\%$  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

### Blood Enrichment Culture Bottles

#### Adult Antibiotic Neutralization Culture Bottle

AEROBIC-A-25	25ml	50bottles/box
AEROBIC-A-30	30ml	300bottles/carton
AEROBIC-A-40	40ml	

#### Pediatric Antibiotic Neutralization Culture Bottle

AEROBIC-P-25	25ml	50bottles/box
AEROBIC-P-30	30ml	300bottles/carton
AEROBIC-P-40	40ml	

#### Anaerobic Antibiotic Neutralization Culture Bottle

ANAEROBIC-A-25	25ml	50bottles/box
ANAEROBIC-A-30	30ml	300bottles/carton
ANAEROBIC-A-40	40ml	







## Accurate Faster User-friendly Overall Solution for Automated Blood Culture

- Workable for medium size clinical laboratories
- 100 bottles capacity
- Accurate, fast, and user-friendly

## LABSTAR 100 Automated Blood Culture System

Scenker Biological Technology Co., Ltd.



<b>Model</b>	LABSTAR 100
<b>Capacity</b>	100 bottles
<b>Expandability</b>	No
<b>Protections</b>	Automatic power-off protection in case of overloading and short circuit
<b>Ambient temperature</b>	10°C~30°C
<b>Relative humidity</b>	RH ≤ 85%



# 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
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- $\geq 90\%$  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
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### Blood Enrichment Culture Bottles

#### Adult Antibiotic Neutralization Culture Bottle

AEROBIC-A-25	25ml	50bottles/box
AEROBIC-A-30	30ml	300bottles/carton
AEROBIC-A-40	40ml	

#### Pediatric Antibiotic Neutralization Culture Bottle

AEROBIC-P-25	25ml	50bottles/box
AEROBIC-P-30	30ml	300bottles/carton
AEROBIC-P-40	40ml	

#### Anaerobic Antibiotic Neutralization Culture Bottle

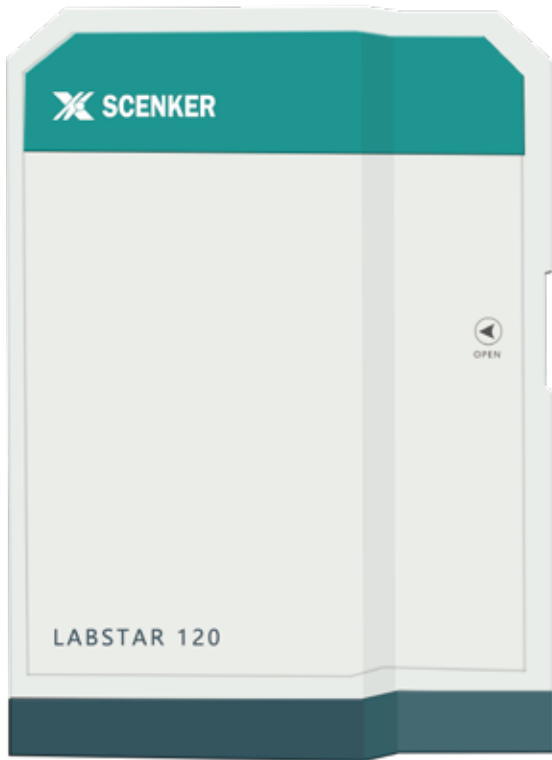
ANAEROBIC-A-25	25ml	50bottles/box
ANAEROBIC-A-30	30ml	300bottles/carton
ANAEROBIC-A-40	40ml	



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## Accurate Faster User-friendly Overall Solution for Automated Blood Culture

- Workable for medium size clinical laboratories
- 120 bottles capacity
- Accurate, fast, and user-friendly

# LABSTAR 120 Automated Blood Culture System

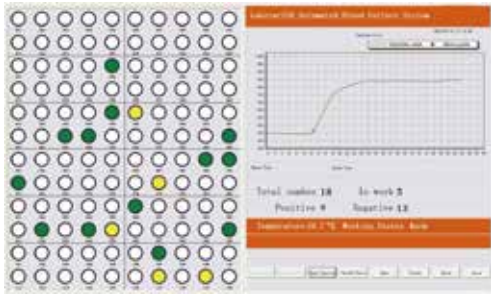
Scenker Biological Technology Co., Ltd.



<b>Model</b>	LABSTAR 120
<b>Capacity</b>	120 bottles
<b>Expandability</b>	No
<b>Protections</b>	Automatic power-off protection in case of overloading and short circuit
<b>Ambient temperature</b>	10°C~30°C
<b>Relative humidity</b>	RH ≤ 85 %



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#### Pediatric Antibiotic Neutralization Culture Bottle

AEROBIC-P-25	25ml	50bottles/box
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AEROBIC-P-40	40ml	

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