

# Bc 60

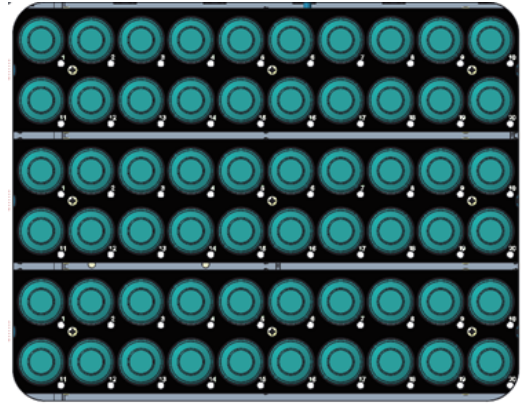
## Automated Blood Culture System



After more than 10 years' integration of experience and accumulation of blood culturing technology, Autobio develops a new generation of automatic blood culture instrument series to provide users with more mature and efficient blood culture solutions.

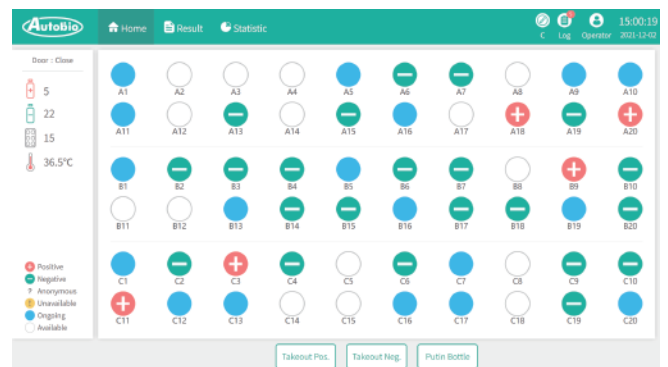
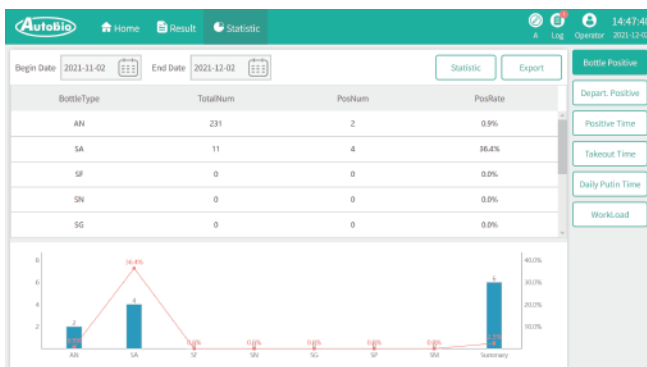
## 1 Instrument Performance

- ▶ Modular, support the expansion of up to 360 bottle positions.
- ▶ Integrated control unit ensures higher flexibility for the instrument.
- ▶ Better temperature uniformity, avoid the influence of door opening and closing.
- ▶ Blood volume detection module (optional), to realize accurate management of blood volume and reduce the influence of blood volume on results.
- ▶ Low noise (<45 dB) , and smallest size among similar products.



## 2 Software Performance

- ▶ Comprehensive statistical functions. Statistics analyse positive rate of culture bottles, statistics analyse positive rates of departments, statistics analyse positive detection time, statistics analyse positive bottle removal time, etc.,
- ▶ Software supports offline recovery function.
- ▶ Dynamic response operation interface.



## 3

## Reagents performance

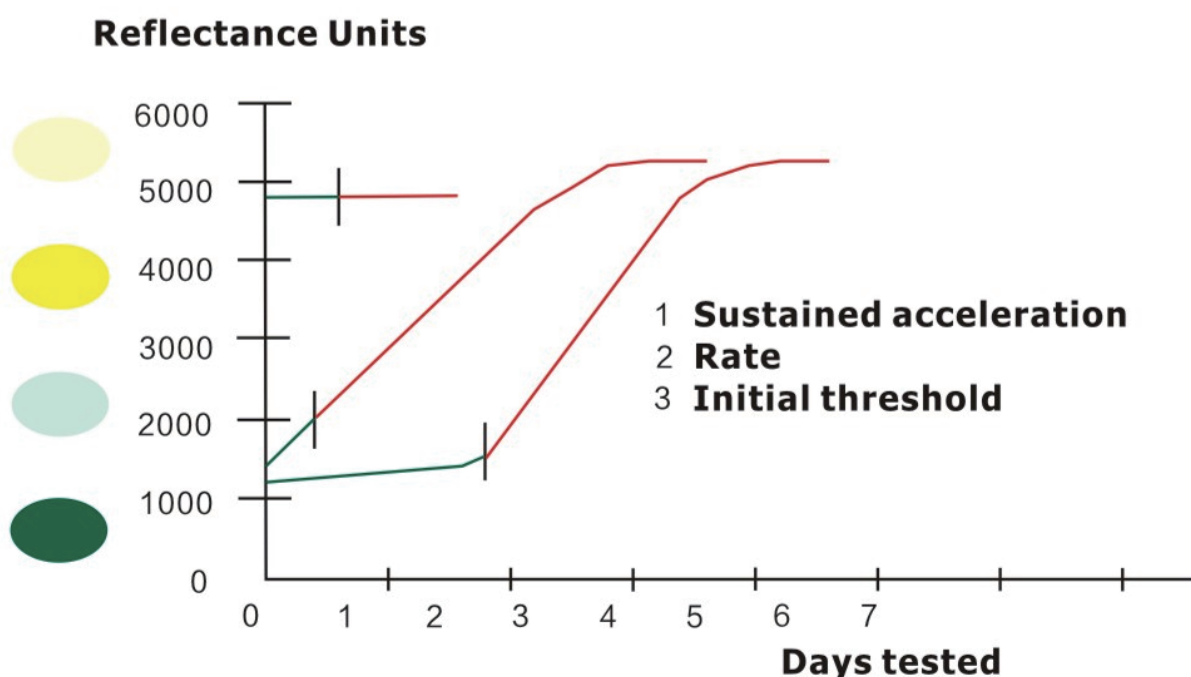
- Special selected V and X factors added on the culture medium improves detection rate of fastidious bacteria.
- Addition of macroporous resin and cation resin assure great capability neutralization.
- Vacuum quantitative blood collection supported.
- Double bar code management for traceability of analysis.
- High-strength plastic material of the bottle guarantees reliable bio-safety.
- Minimum positive sample detection time is 3 hours.

## 4

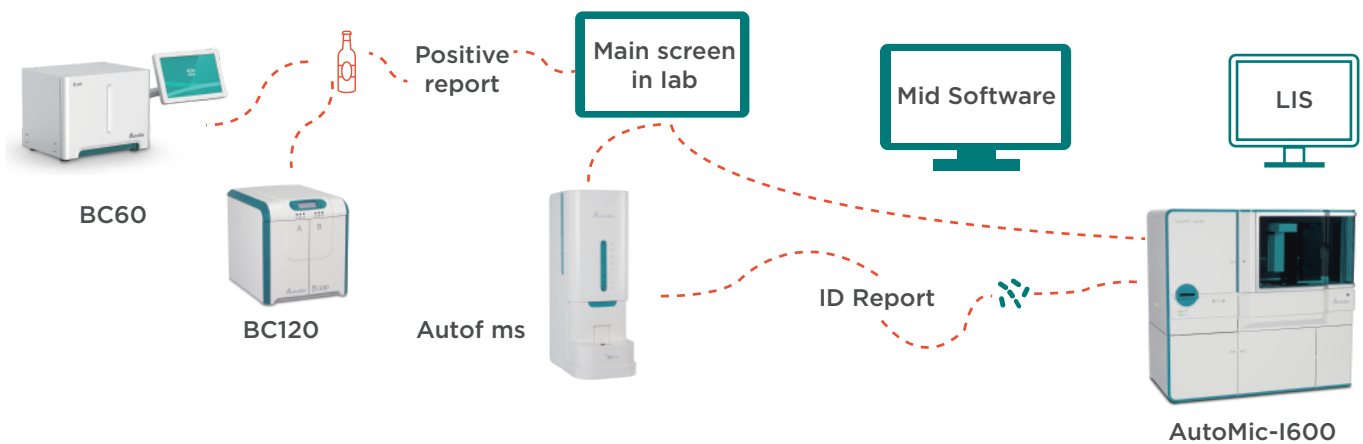
## Interpretation performance

- ▶ More efficient man-machine exchange interface, higher operability and stronger functionality
- ▶ More advanced intelligent algorithms, covering all stages of microbial growth, report positive results earlier.
- ▶ Optimize the operation process, the on-machine process is simpler, only need to scan the code, put the bottle
- ▶ Multi-dimensional bacterial growth model, positive results are more reliable
- ▶ Unique protrusion recognition algorithm, combined with sustained acceleration algorithm, rate algorithm, and initial threshold algorithm, improve the reporting time.

### Three modes of interpretation



## 5 Autobio information management system



- ▶ It can be connected with Autobio Microbiology Information System to realize the data sharing and multi-dimensional statistical analysis of blood culture results, microbial detection process and automatic report of negative results.
- ▶ Realize the interconnection of satellite blood culture and central blood culture system to reduce the TAT time of samples.

## 6 Reagents catalog

Reference	Name	Quantity
MC0301	Aerobic Culture Bottle FA (Resin)	20 T
MC0302	Anaerobic Culture Bottle FN (Resin)	20 T
MC0303	Aerobic Culture Bottle PF (Resin)	20 T
MC0304	Aerobic Culture Bottle SA (Standard Aerobic)	20 T
MC0305	Aerobic Culture Bottle SP (Standard Pediatric)	20 T
MC0306	Anaerobic Culture Bottle SN (Standard Anerobic)	20 T
MC0401	Mycobacterial Culture Bottle*	20 T

\*Coming soon



<4500 bottles/year  
L\*W\*H: 490mm\*410mm\*390mm



<9000 bottles/year  
L\*W\*H: 490mm\*410mm\*780mm



<13500 bottles/year  
L\*W\*H: 980mm\*410mm\*780mm



<18000 bottles/year  
L\*W\*H: 980mm\*410mm\*780mm



<22500 bottles/year  
L\*W\*H: 1470mm\*410mm\*780mm



<27000 bottles/year  
L\*W\*H: 1470mm\*410mm\*780mm

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