

FA-N60

Automated Microbial Culture System

Specifications of Culture Bottles

Types and Models

- Aerobic culture bottle (AC)
- Anaerobic culture bottle (NC)
- Pediatric aerobic culture bottle (PC)

Packing Specifications

25 bottles/box, 50 bottles/box

Supported Sample Types

Blood and other sterile body fluids

Blood Sampling Tips

Adults: Each bottle should contain a sample volume of 5–10 mL.

Children: Each bottle should contain a sample volume of 1–3 mL.

Specifications of the Culture System

Operating system: Linux

Memory: 32 GB

Automatic backup available

Normal test environmental conditions

Ambient temperature: 10 °C ~ 30 °C

Relative humidity: 10% ~ 90% RH

Atmospheric pressure: 80.0 kPa ~ 106.0 kPa

Operating altitude: -400 m ~ 2000 m

References

[1] Hardy, Liselotte, et al. "Affordable blood culture systems from China: in vitro evaluation for use in resource-limited settings." EBioMedicine101 (2024).

[2] Aydemir, Özlem, et al. "Comparison of time-to-detection of Mindray TDR and BacT/ALERT® 3D blood culture systems using simulated blood cultures." Acta Clinica Belgica 79.3 (2024): 168-173.

Power Requirements

Power voltage: ~220 V ± 10%

Frequency: 50 Hz ± 1 Hz

Power: 300 VA for FA-N60

Dimensions and Weight

Unit	Dimensions (Width x Depth x Height mm)	Weight (kg)
Main unit	≤ 540 x 380 x 430	≤ 35
Extension unit	≤ 540 x 380 x 430	≤ 33



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FA-N60

Automated Microbial Culture System

Rapid Diagnosis of Bloodstream Infections With Optimized Workflow



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P/N: ENG-FA-N60 Automated Microbial Culture System-210285X4P-20241030

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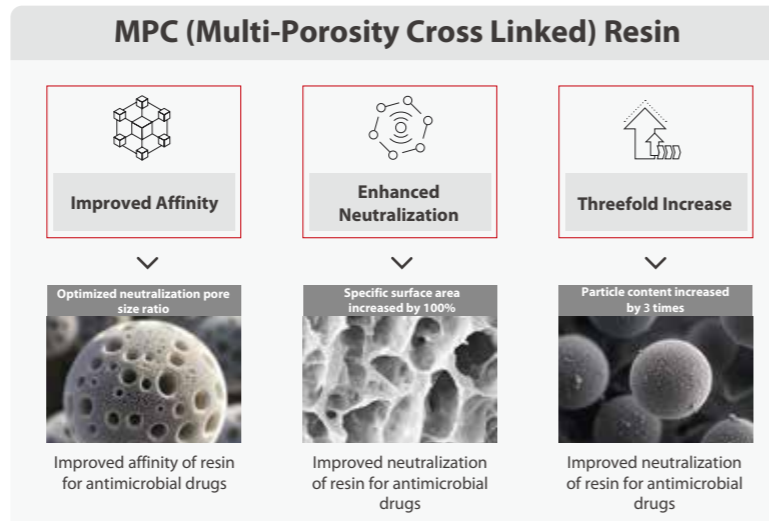
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生命科技如此亲近

Quality Results Enhanced Antibiotic Neutralization and Enriched Culture Media Enable Early Detection of Bloodstream Infections

Enhanced Neutralization | For Multiple Antimicrobials

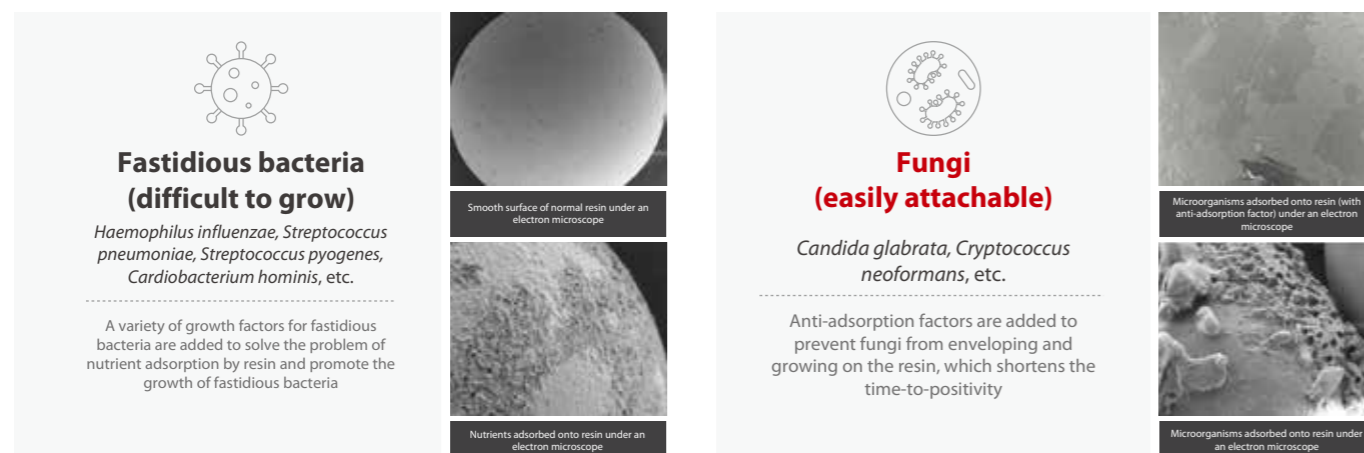
MPC (Multi-Porosity Cross Linked) resin neutralizes 17 categories of antimicrobials, such as *Imipenem*, *Meropenem*, *Piperacillin-tazobactam*, *Cefoperazone-sulbactam*, *Tigecycline*, *Vancomycin*, *Levofloxacin*, *Amikacin*, *Colistin*, *Caspofungin*, *Voriconazole*, and *Amphotericin B*.



Enriched Culture Media

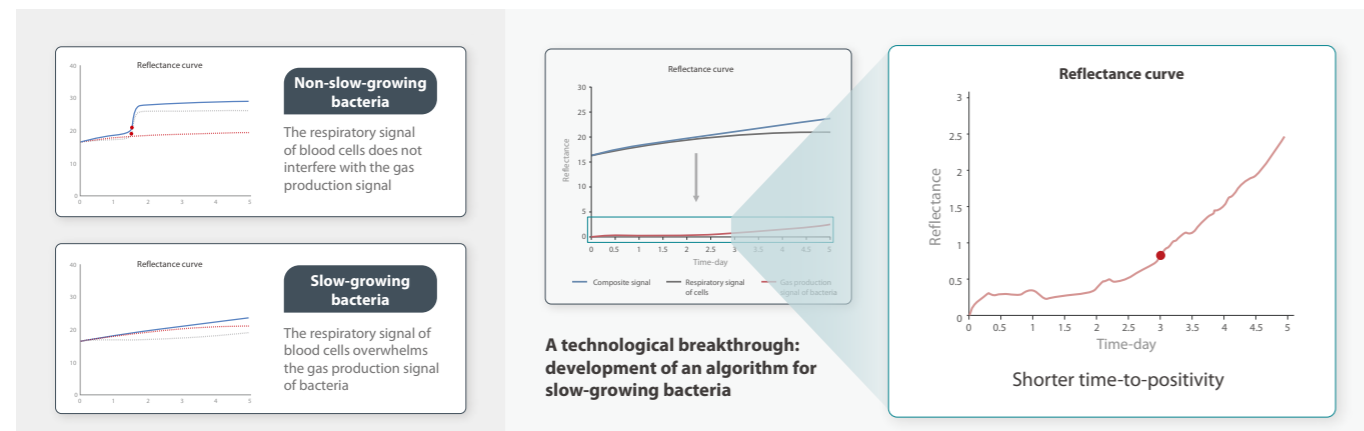
A set (aerobic and anaerobic bottles) is able to recover and detect a broad range of microorganisms (bacteria and fungi)^{[1][2]} in blood and other sterile body fluid samples.

Multi-nutrient Factor Formula



Shorter Time-to-Positivity

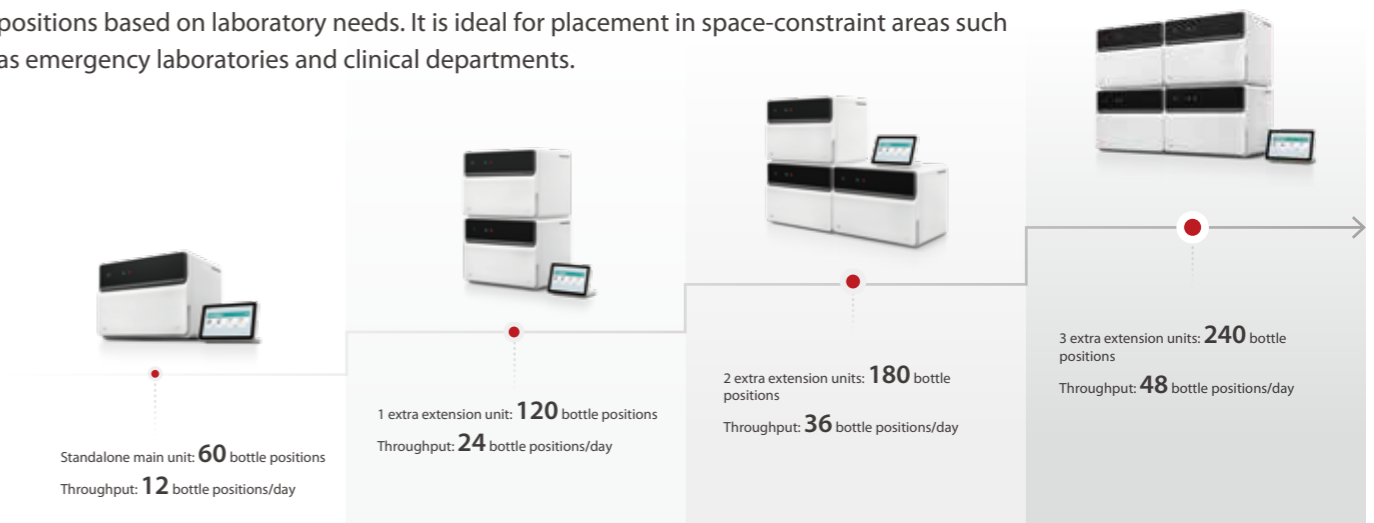
Reduced interference from blood cell respiration, along with a customized algorithm for slow-growing bacteria, such as *Talaromyces marneffei*, and *Cryptococcus neoformans*.



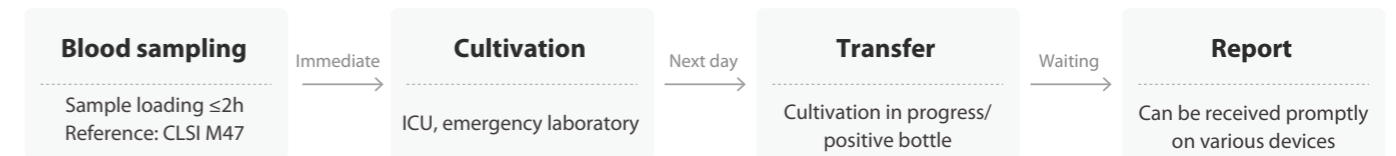
Efficient Results An Extensible and Intelligent POC Information System Enables Effective and Qualified Results

Extensible | Modular Design

FA-N60 is compact in size and allows for flexible selection and combination of bottle positions based on laboratory needs. It is ideal for placement in space-constraint areas such as emergency laboratories and clinical departments.



Point-of-care | Satellite Blood Culture System



Intelligent | Data Management Software

