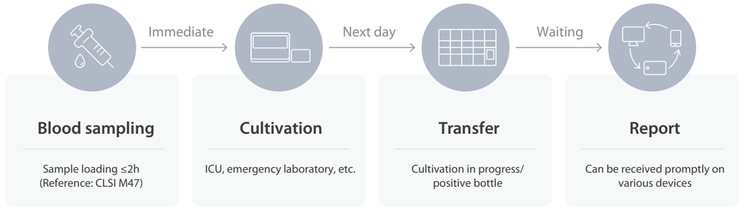
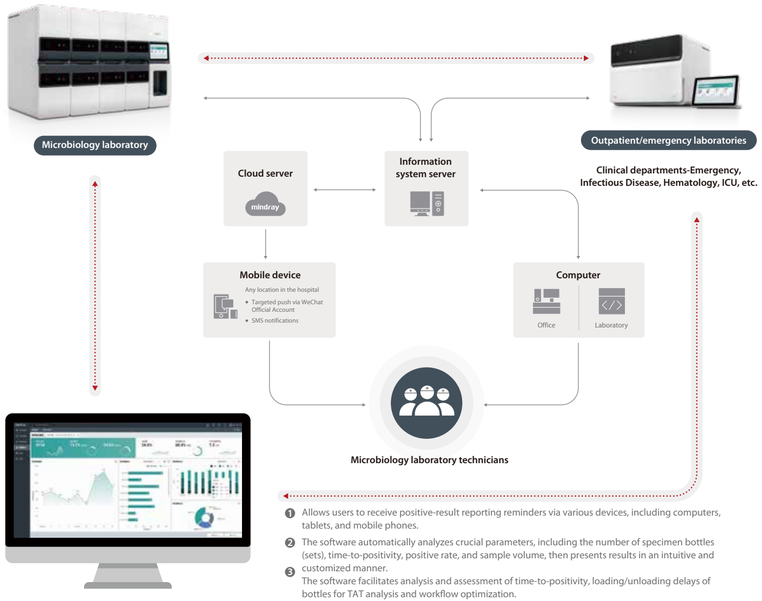
Point-of-care | Satellite Blood Culture System



Intelligent | Data Management Software



❶ Allows users to receive positive-result reporting reminders via various devices, including computers, tablets, and mobile phones.

❷ The software automatically analyzes crucial parameters, including the number of specimen bottles (sets), time-to-positivity, positive rate, and sample volume, then presents results in an intuitive and customized manner.

❸ The software facilitates analysis and assessment of time-to-positivity, loading/unloading delays of bottles for TAT analysis and workflow optimization.

Note: "*" indicates a feature that will be available in the near future.

FA-N

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

Normal test environmental conditions

Ambient temperature: 10 ℃ ~ 30 ℃

Relative humidity: 10% ~ 90% RH

Atmospheric pressure: 80.0 kPa ~ 106.0 kPa

Operating altitude: -400 m ~ 2000 m

Power Requirements

Power voltage: ~220 V ± 10%

Frequency: 50 Hz ± 1 Hz

Power: 300 VA for FA-N60
600 VA for FA-N120
1200 VA for FA-N240

Dimensions and Weight

Unit	Dimensions (Width x Depth x Height **mm**)	Weight (**kg**)
N60 main unit	≤ 540 x 380 x 430	≤ 35
60-bottle extension unit	≤ 540 x 380 x 430	≤ 33
N120/N240 main unit	≤ 560 x 690 x 900	≤ 120
120-bottle extension unit	≤ 290 x 690 x 900	≤ 85

References

[1] Hardy, Liselotte, et al. "Affordable blood culture systems from China: in vitro evaluation for use in resource-limited settings." EBioMedicine 101 (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.

Mindray Medical Official WeChat

Service Center Official WeChat

Service Hotline 400 700 5652

www.mindray.com

P/N: ENG-FA-N Automated Microbial Culture System-210285X6P-20240910

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FA-N

Automated Microbial Culture System

Rapid Diagnosis of Bloodstream Infections With Optimized Workflow

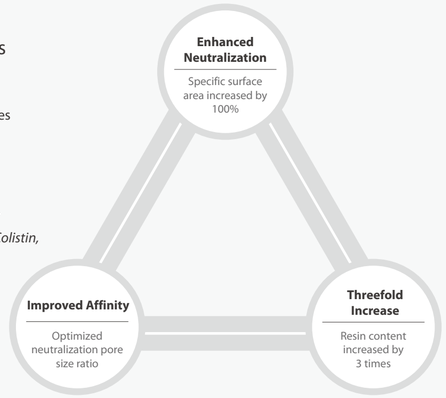
Enhanced Antibiotic Neutralization and Enriched Culture Media Enable Early Detection of Bloodstream Infections

New Mindray culture bottles for more precise cultivation results

Enhanced Neutralization | For Multiple Antimicrobials

MPC (Multi-Porosity Cross Linked) resin neutralizes 17 categories of antimicrobials.

Examples include *Imipenem, Meropenem, Piperacillin-tazobactam, Cefoperazone-sulbactam, Tigecycline, Vancomycin, Levofloxacin, Amikacin, Colistin, Caspofungin, Voriconazole, and Amphotericin B.*



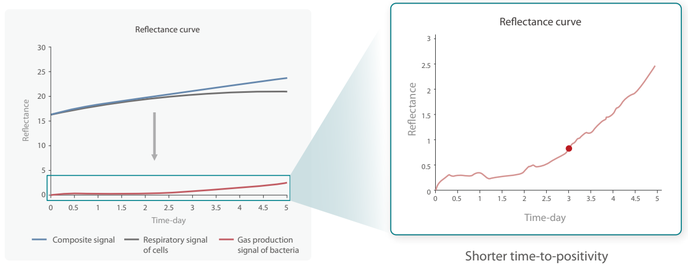
Enriched Culture Media | Adequate Microbial Growth Factors

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.

Shorter Time-to-Positivity | Shorter Time-to-Positivity for Slow-Growing Bacteria

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

A technological breakthrough: development of an algorithm for slow-growing bacteria



Shorter time-to-positivity

An Integrated and Intelligent POC Information System Enables Effective and Qualified Results

Seamless Connection for Faster Result Delivery

Integrated | In-time Blood Volume Monitoring Technology