



ESBC Series

ESBC32, 64, 128, 256, 512

Automated blood culture systems



Pulse Healthcare Technology

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IMMUNOLOGY



ESBC series



Automated Blood Culture Systems

Description

ESBC Automated Blood Culture Systems are designed to accurately detect and recover microorganisms from blood and normally sterile body fluids (SBF). Runtime detection and sophisticated algorithms minimize false negatives and shorten time to positive detection.

Features

- Colorimetric detection technology means faster results
- Results are accurate when bottles are delayed in transit
- The system detects a wider range of both common and fastidious organisms
- Efficient workflow of "Scan- Load" reduces risk of error
- Smart temperature control system ensures the temperature stability
- Light, sound and color alarm mechanism for negative/positive results
- Software provides access to Laboratory Information System (LIS)
- Various capacities (32-512) for any size labs

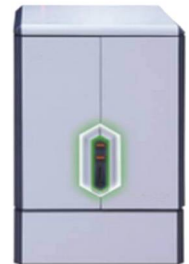
Models



ESBC32
Size: 415x580x440 mm
Weight: 30Kg



ESBC364
Size: 780x640x350 mm
Weight: 51Kg



ESBC128
Size: 930x650x650 mm
Weight: 128Kg



ESBC256
Size: 1620x650x650 mm
Weight: 208Kg



ESBC512
Size: 3240x1300x1300 mm
Weight: 416Kg



Aerobic/Anaerobic Culture Bottle





Aerobic/Anaerobic Culture Bottles are compatible with BC Automated Blood Culture Systems to detect microorganisms from blood and normally sterile body fluids (SBF).

Features

- Nutritional media provide a robust environment for microbial growth
- Specialized bottles for detection and recovery of L-form Bacteria
- Visual, irreversible color change helps to assure of accurate detection
- Resins offer effective antimicrobial neutralization
- Shatter-proof plastic bottles reduce potential for biohazard exposure
- Compatible with other colorimetric technology systems



Specifications

Bottle Type	Specimen Type	Specimen volume
 Type I Aerobic Culture Bottle	blood and SBF	8-10 mL
 Type II Anaerobic Culture Bottle	blood and SBF	8-10 mL
 Type III Pediatric Culture Bottle	blood and SBF	1-3 mL
 Type IV L-form Bacterial Culture Bottle	blood and SBF	8-10 mL

*Cases of 25,100 or 200 bottles

Aerobic/Anaerobic Culture Bottle (fluorescence method)

Aerobic/Anaerobic Culture Bottles (fluorescence method) are compatible with fluorescent based instruments to detect and recover a wide range of organisms.

Features

- Optimized gas environment for microbial growth
- More sensitive CO₂ sensor assure recovery of a wide range of organisms
- More unmatched combination of fluorescent indicators makes results earlier
- Compatible with fluorescent based instruments



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