



Automated Blood Culture System FM-ABCS-A100

Overview

Automated Blood Culture System FM-ABCS-A100 keeps a steady temperature of 35°C – 1.5°C for accurate microbial growth and detection. It has a bottle handling capacity of 60 units allowing multiple samples to be processed at the same time. It uses advanced integrated circuit technology to enhance system performance with reliable and efficient data processing. It uses smart intuitive software to provide an easy-to-use interface for seamless operation and monitoring.

Specifications :

Incubation Temperature	35°C – 1.5°C
Bottle Handling Capacity	60 units
Agitation Feature	Required
Positive Result Detection Time	Within 24 hours (most bacteria), at least 2 days for fungi like Candida albicans and Candida parapsilosis
Detection Technology	Fluorescence / Colorimetric / Pressure / Optical-based
Antibiotic Recovery Mechanism	Resin media or Adsorbent polymers technology
Barcode Reading Feature	Required
Bottle Types	Standard aerobic, anaerobic, pediatric
Interface	Touch / Keyboard
External Communication	USB / RS232
Supplied with the Instrument	License, latest upgradable software, appropriate PC (CPU e 4GB RAM, 500GB HDD), LCD/LED/OLED Monitor (e 17’’), printer, Windows XP or latest licensed version
Power Supply	220 to 240 V, 50 to 60 Hz, European plug, Single-phase main supply
Standard Accessories, Software, and Reagents	All standard accessories, software, and startup kits/reagents required for full functionality
Power Consumption	220 to 240 V, 50 to 60 Hz, European plug, Single-phase main supply
Dimensions (L×W×H)	650 cm ×470 cm ×520 cm
Weight	79 kg

Features :

Positive & Negative Algorithm
 New Temperature-Controlled Technology
 Powerful Data Management
 Constant Temperature Stability
 Smart Fault Processing
 HIS Compatibility
 Multi-Module Design
 Data Tracking & Customizable Software

Applications :

Automated Blood Culture System is used for Clinical Diagnosis of Sepsis, Monitoring of Immunocompromised Patients, Identification of Antimicrobial Resistance, Neonatal and Pediatric Infections, Pharmaceutical and Biopharmaceutical Testing, Veterinary Medicine.