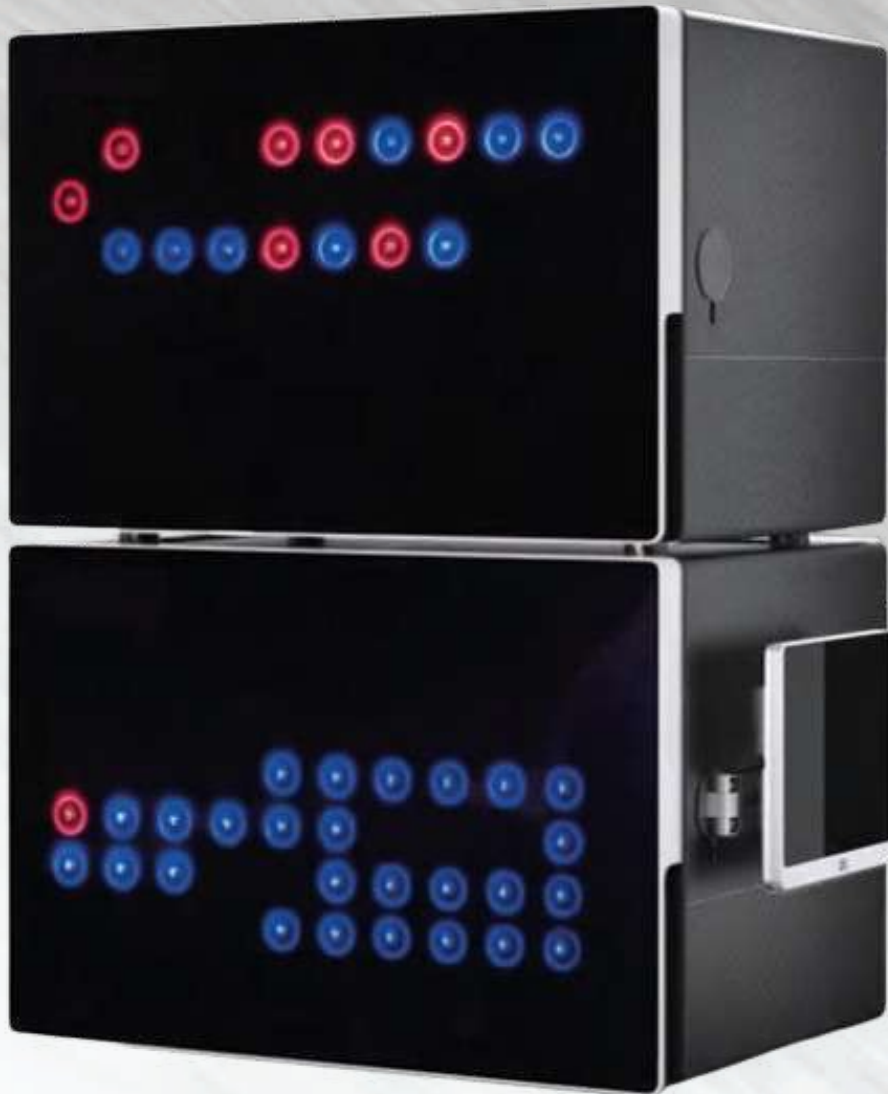




ESBT-120

Auto Blood Culture System



LABORATORY



Culture bottle Features

Types: Aerobic blood culture bottle
 Anaerobic blood culture bottle
 Children's blood culture bottle (pediatric)
 Mycobacterium blood culture bottle



Effective neutralization of a wide variety of antimicrobial improves recovery rate and shortens the time to positive (TTP).

Resin beads lyse WBC and release bacteria inside to improve detection rate. Colorless resin beads won't cause interference of microscope examination.

High nutrition ingredients with X factor and Y factor

System features

Compact and flexible design To save space and freight cost
 To fit different size of laboratory

Expandable capacity

Control, incubation module and monitor all in one (60 cells)
 Incubation module (60 cells)
 Capacity: 120 cells

Module temperature control

Independent cell heater to avoid temperature dropping
 To ensure incubation ambient temperature
 For fast growth of microbes

Novel algorithm

Apply multiple AI algorithm to shorten the time to positive

Satellite blood culture network

Distribute incubation modules to different wards like ICU, Emergency, Outpatients etc, and connect by IOT for shortening the sample delivery time.

System Specification

Test principles: Colorimetry

Sample type: Blood and various sterile body fluid

Win 10 system with touch screen

LIS connection available

Data analysis and statistics

Culture method: Continuous swinging vibration. Detect bottles every 10 minutes by independent detector

Alarm by audio, door light flash and screen flash

Built-in barcode scanner

Printing function available

Double barcode management

Power supply: 100-240V 50/60Hz+1Hz

Ambient Temperature: 5-30°C

Instrument size:

580*376*361mm (Host) X1CTN

540 376 361mm (Sub) X1CTN

Package size: 720*530 715mm X2CTNS

Gross Weight: 98kg (47kg X2)

Capacity: 120 cells

Over-time monitoring

Door surface colorful indicator to visually illustrate Positive/Negative result at real time



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