



ESBT-240

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.

Aerobic and pediatric bottles can grow fungi effectively.

High nutrition ingredients with X factor and Y factor

System features

Compact and flexible design

Fully automation, bench-top, random access

To fit different size of laboratory

Expandable capacity

Control, incubation module and monitor all in one (60 cells)

Incubation module (60 cells)

Capacity: 240 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) X 1 CTN

540*376*361mm (Sub) X 3 CTNS

Package size: 720*530 715mm X 4 CTNS

Gross Weight: 188kg (47kg X 4)

Capacity: 240 cells

Over-time monitoring

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



ESSE3 sri, Via Garibaldi 30
 14022 Castelnuovo D.B. (AT)
 Tel +39 011 99 27 706
 Fax +39 011 99 27 506
 e-mail: danielec@esse3-medical.com
 web: www.esse3-medical.com

