

Higher positive detection rate – high quality blood culture bottle

► Sensitive sensor

The microorganism grows rapidly and produces carbon dioxide, which triggers the color change of the culture bottle. And then the instrument will indicate the positive results by sound and light alarm.

► Unbreakable "glass bottle"

It is made of medical polycarbon polymer material, which cannot be damaged and has excellent permeability.

► Ultra "resistant"

Multi-component resin adsorption technology will absorb factors that inhibit microbial growth. It has a good adsorption neutralization effect on various antibiotics and antibodies, which improves the rate of reporting. As an adsorbent, the resin is more advantageous than the activated carbon.

► Avoid blood collection pollution:

aluminum-plastic cover and vacuum negative pressure in the blood bottles to avoid blood contamination at the puncture point, and reduce false positive results caused by pollution during the collection process.

► Multiple types and package for lab needs

Culture bottles type: Anaerobic blood culture bottles , Aerobic blood culture bottles I -1, Aerobic blood culture bottles I -2
Package & Storage: 20 vials/box, 50 vials/box, stored away from light at 15°C ~ 30°C, valid for 365 days.



Technical Parameters

Operating environment

- > Ambient temperature: 10 °C ~ 30 °C
- > Atmospheric pressure: 86.0 kPa to 106.0 kPa.
- > Other: Operate under an environment free of conductive dust, explosive gases, and corrosive gases and vibration sources.
- > Relative humidity: 40% to 80%.
- > Light: Avoid direct sunlight;

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Leading Technology For Healthy Life

LTS-BMC

Automatic Blood Culture System



Simple process
touch-screen operation
one-step loading



Sensitive results
one-to-one sensor



Optimized design
module extension design



LITUO BIOTECH

Accurate and reliable

— International standards

Product Series

According to the US CLSI standard, standardized clinical specimen collection (correct indication, collection time, blood collection volume, combination, strict disinfection), plus high-quality blood culture equipment and blood culture bottles can ensure the best detection rate of blood culture.



LTS-BMC 40/60/90

Horizontal, Accommodates 40/60/90 test bottles, support modular expansion



LTS-BMC 80

Vertical, Accommodates 80 test bottles, compact design and small space occupation, suitable for small labs

Features

More user-friendly design — module

Through the hospital LIS system, the blood culture system can connect with each other in the host computer to meet the long-term development needs of the laboratory. New system can be added as long as the patient's number increased.



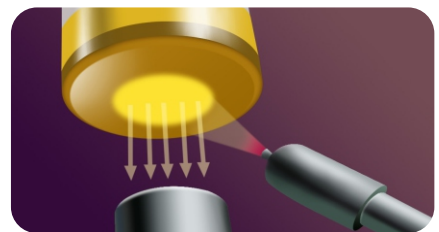
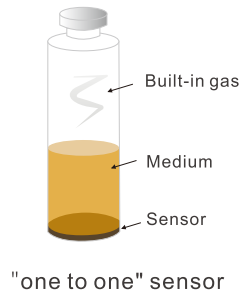
Convenient & intelligent operation

"Scan--put bottle" one-step operation
the culture bottle can be taken and loaded at any time;
auto alarm the error bottles with error;
color touch screen realizes friendly human-computer interaction;
LIS supporting system is convenient for printing and storage.



Accurate and sensitive test results

Colorimetric method to detect the carbon dioxide concentration. Automatic detection every 10 minute with one-to-one sensor .24 hours continuous uninterrupted real-time monitoring. Automatic measurement of growth and then draw the curve.



Superior performance compare with famous brands

LTS-BMC90 The consistency statistics that compare with international brand				
Detection Indicator	Positive coincidence rate %	Negative compliance rate%	Total compliance rate (%)	K value
Aerobic bottle	91.3%	99.5%	98.6%	0.93
Anaerobic bottle	95.5%	100.0%	99.5%	0.97