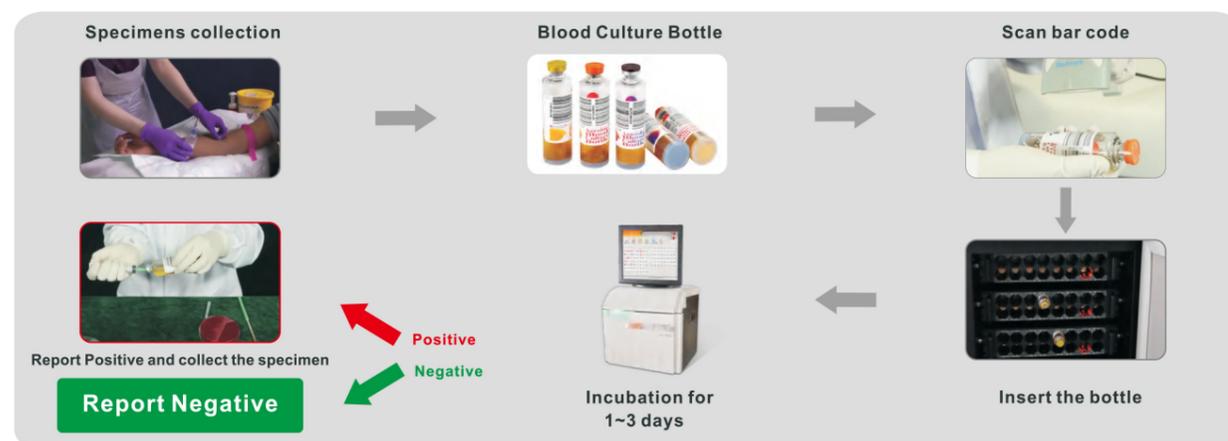


## Workflow of B025C System



## System Specification

<b>Power Supply</b>	AC 110-240V 50/60 Hz
<b>Ambient temp</b>	5°C-35°C
<b>Atmospheric pressure</b>	76kPa--106kPa
<b>Instrument Dimensions</b>	570 * 560 * 560 mm
<b>Net Weight</b>	60kg
<b>Package Dimensions</b>	699 * 664 * 1054 mm
<b>Gross Weight</b>	96kg
<b>Handling</b>	5-8 bottles/day
<b>Touch screen</b>	External 17 inch
<b>Capacity</b>	32 cells
<b>Heating time</b>	Minimum 30 minutes
<b>Inside temp</b>	35±1.5°C
<b>Accessories</b>	Touch screen LCD monitor, barcode scanner
<b>Built-in</b>	Buzzer, door light
<b>Technical guarantee</b>	Technical guarantee for 2 years from the date of equipment acceptance
<b>Certificate</b>	CE, ISO13485
<b>Preventive maintenance</b>	Conduct preventive maintenance every 6 months, including function and parameter inspection and calibration



# HC-B025C

## Auto Blood Culture Detection System

IVD

Edition:2019.05

CE

# Blood Culture Bottle



## Culture bottle type:

1. Adult aerobic blood culture bottle.
2. Adult anaerobic blood culture bottle.
3. Children’s blood culture bottle (pediatric).

## Advantages of Resin Media:

1. Effective neutralization of a wide variety of antimicrobial improves recovery rate and shortens the time to positive (TTP).
2. Resin beads can lyse WBC and release bacteria inside to improve detection rate.
3. Colorless resin beads won’t cause interference of microscope examination.

# Blood Culture Bottle Features

1. Detection of a wide range of microbes, including fungi, even fastidious bacteria.
2. Multi-layer polymeric fiber bottle. Light weigh and unbreakable, avoid biohazard.
3. Delayed-vial-entry capabilities up to 48 hours at room temperature
4. Vacuum blood sampling. Improving safety and causing less contamination.

Bacteria name & type	Colony-Forming Units(CFU)	Result report time(h)
S. pyogenes, S. pneumoniae	≤100	10 – 15
A. P.aeruginosa A. baumannii	≤100	11 – 18
E. coli, S.aureus	≤100	4 – 12
Haemophilus, gonococcus	≤100	20 – 36
Fungus, Brucella	≤100	15 – 48

# Blood Culture System Features

- Test principles: Colorimetry & Carbonate
- Specimen type: Blood and various sterile body fluid
- Linux system with touch screen.
- LIS available.
- Data analysis and statistics.
- Adopt continuous swinging vibration culture mode.
- Detection in every 10 minutes by each independent detector.
- Alarm by audio, door light flash and screen flash.
- Together with barcode scanner for easy data input.
- Printing function available.