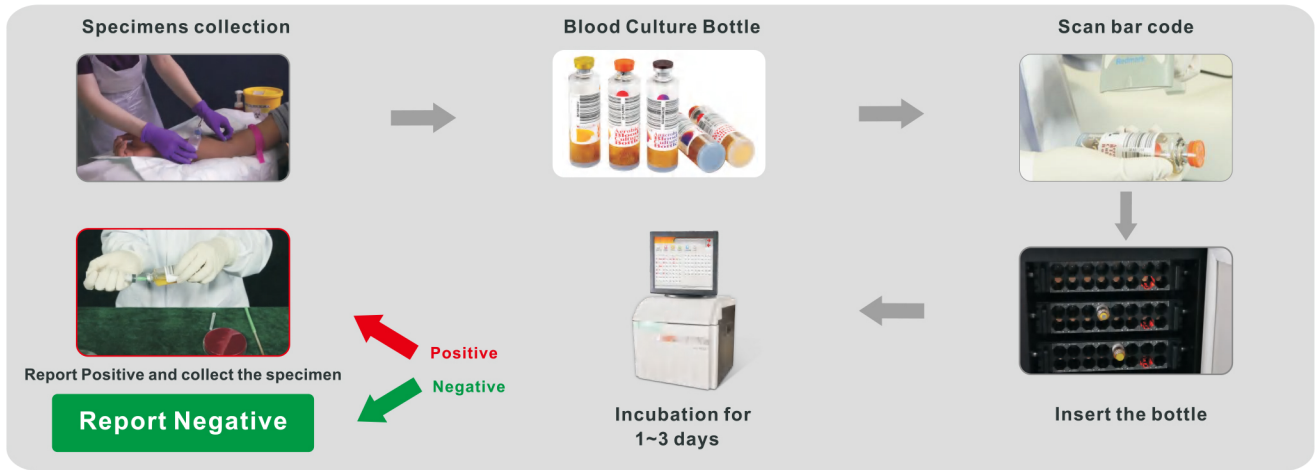


Workflow of B025C System



System Specification

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

HC-B025C



Auto Blood Culture
Detection System



Edition:2019.05



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.