

Automated Blood Culture System



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Workflow of DL-Bt System



DL-Bt System Specification

	DL-Bt 32	DL-Bt 64	DL-Bt 112
Power Supply	AC 220V±22V, 50/60HZ±1HZ	AC 220V±22V, 50/60HZ±1HZ	AC 220V±22V, 50/60HZ±1 HZ
Ambient temp.	5°C-35°C	5°C-35°C	5°C-35°C
Atmospheric preessure	76kPa--106kPa	76kPa--106kPa	76kPa--106kPa
Instrument Dimensions	570 x 560 x 560 mm	575 x 561 x 952 mm	575 x 561 x 1060 mm
Package Dimensions	729 x 714 x 1069 mm	704 x 671 x 1232 mm	704 x 671 x 1566 mm
Touch screen	External 17 inch	Internal 8 inch	External 17 inch
Handling	5-8 bottles/day		
Capacity	32 cells		
Net Weight	60kg	80kg	86kg
Gross Weight		98kg	114kg
Local optional purchase		Mouse and keyboard	



DL-Bt 32



DL-Bt 64



DL-Bt 112

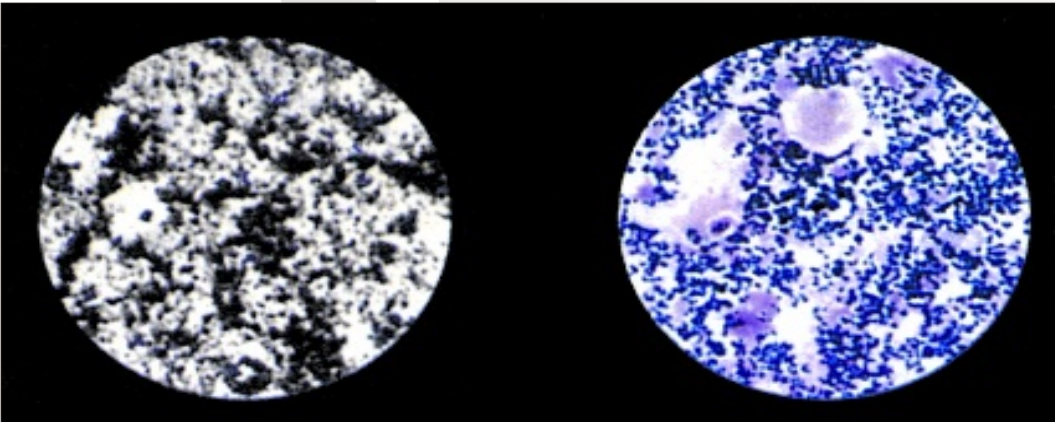


DL Blood Culture Bottle



Culture bottle type

- 1. Adult aerobic / anaerobic blood culture bottle.
- 2. Children’s blood culture bottle.



Carbon

Resin

Advantages of Resin Media

- 1. Proven, effective neutralization of a wide variety of antimicrobial improves recovery and shortens the time for detection.
- 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 against activated carbon.

DL 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 cause less contamination.

Bacteria name & type	Colony-Forming Units (CFU)	Result report time(h)
S. pyogenes, S. pneumoniae		10-15
A. haemolyticus A. baumannii		11-18
E.coli, P.aeruginosa		4-12
Haemophilus, gonococcus		20-26
Fungus, Brucella		15-48

DL-Bt Blood Culture System Features

- Test principles: Colorimetry & Carbonate sensor
- Sample Type: Blood and various sterile body fluid
- Linux System with LCD touch screen.
- LIS available.
- Data analyzsis 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