



Blood Bag Sealer

LB-10BBS

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1. Safety Measures

To prevent any potential accident, operate the tube sealer according to the following safety rules.

- Unplug the main power cord, when performing maintenance or when the tube sealer is expected not to be used for a long period.
- Do not touch the power socket.
- Do not touch the heating position.
- Do not touch the heating sensor.
- Do not use the instrument in a humid, hot, or dusty environment to avoid instrument malfunction.
- Do not move the instrument or open its instrument while it is running.
- Put the instrument on a solid and smooth table.

2. Introduction

Blood Bag Sealer LB-10BBS has a high frequency sealing system with a sealing time of 0.8 to 1.2 seconds. Crafted with a single chip, this device features automatic sealing of blood bags with a diameter ranging from 2 to 6 mm. Used in blood collection vehicles with a suction feet to prevent unintended movement.

3. Features

1. Features adjustable voltage settings ensuring optimal performance
2. Incorporated with circulating air duct, for effective cooling
3. Characterized to maintain sterility and quality of blood products
4. Enhanced with uniform heating and firm sealing
5. Crafted with durable materials for ensuring long-lasting performance
6. Fitted with a handle for better grip
7. Integrated with an Electronic tube for controlling current flow

4. Specifications

Model No.	LB-10BBS
Sealing Time	0.8 to 1.2 s
Sealing Type	Automatic
Diameter of tube	2 to 6 mm
Tube wall thickness	≤1 mm
Lifespan of Electronic Tube	About 1000 hours
Power Supply	AC110V / 220V ±10%, 50 / 60Hz
External dimension	320 × 180 × 130 mm
Packaging dimension	410 × 210 × 210 mm
Net weight	5 kg
Gross weight	6 kg

5. Applications

Designed for sealing various types of medical bags, including blood bags, infusion bags, and urine bags. Essential for ensuring the safety, sterility, and quality of blood and its components during collection, storage, and transport in healthcare settings.

6. Installation

6.1 Unpacking

At the time of unpacking, remove the joint sealing on the top of the package to open the carton and take out the machine carefully.

6.2 Placement

Remove the packing stuffing inside the cartons to take out the machine with hands (one or two people), it is in about 8 Kgs. In case of a shift, take out the machine vertically and prevent it from swinging. It is prohibited to impose force on the machine and put it on the smooth table. The machine should be placed on a horizontal surface with sufficient rigidity and kept away from the vibrating and punching equipment as well as the heat source. It should not be exposed directly to the sunshine. A space of between 10cm and 15cm should be reserved on all sides of the machine.

7. Operations

7.1 Start the sealer

- 1) Insert the power cord into the socket with the box **(2A)** at the bottom of the instrument and insert the AC end into the AC220V power grid socket.
- 2) Press the **(I)** of the power switch which is in the upper right corner of the front instrument. The indicator on the power switch is red. When the instrument is turned on, the heat-sealing process can start.

7.2 Operation steps

- 1) Squeeze the sides of the desired heating pipe with both hands and place the pipe in the heating tank.
- 2) The right hand is slightly larger and touches the probe/switch in the heating groove.
- 3) Currently, the hot head slowly absorbs, which is the working state.
- 4) About 2-6 seconds, when the heat is completed, it stops automatically.
- 5) After the heating is completed, remove the heating hose, cut the hose along the hot joint gap, or pull the hose slightly with both hands to separate the two sections.

8. Maintenance

- 1) The machine should be placed on a horizontal surface with sufficient rigidity and kept away from the vibrating and punching equipment as well as the heat, corroded source.
- 2) Switch off the power take out the plug when don't use it and keep it in a clean and dry room.
- 3) Avoid exposing the machine to direct sunlight for extended periods to prevent material degradation.
- 4) Avoid overloading the machine beyond its designed capacity to ensure longevity and proper functioning.

9. Troubleshooting

Phenomenon	Reason	Solution
No display	The power is not plugged in	Plug in the power
	The fuse does not pass	Replace the fuse
	The power cord is damaged	Replace the power cord
Heat sealing effect is not ideal		Adjust the heat-sealing gap



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