

Blood Bag Tube Sealer



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Application

Blood Bag Tube Sealer is used for the sealing and heat sealing of medical PVC blood collection bag catheters. It is mainly suitable for transfusion departments, blood collection departments, component departments, blood banks, and medical research in various levels of hospitals.

Working Principle

The high-frequency electrode on the heat-sealing head induces high-frequency heating to the PVC pipeline, causing the PVC pipeline to reach a molten state (the PVC material polarizes under the high-frequency electric field). At the same time, the heat-sealing electrode presses the molten part, and according to the preset program, completes one heat-sealing after the predetermined time is reached.

Advantages

- Using a transistor high-frequency generator, the radiation is weak.
- The circuit is mature, stable, with a long service life, and is safe and reliable.
- The heat-sealing process is fully automated.
- Small in size and light in weight.
- Rapid, accurate, and stable heat-sealing.

Specifications

Model	TS-BB6
Heat-sealing Time	4s~6s
Applicable Material Dimensions	"Outer diameter 2mm-6mm, wall thickness ≤1.5mm"
Heat-sealing Type	Automatic
Power Supply	AC220/110V,0.7A
Consumption	Operating 150W;Standby 3W
Dimensions(W×D×H)(mm)	320x180x130
Shipping size(W×D×H)(mm)	480x270x295
N.W./G.W. (kg)	6.5/8