Handheld Blood Bag Tube Sealer



Introduction:

High-frequency electron tube self-excited high-frequency oscillation instants to generate high-frequency electromagnetic field, so that the plastic internal polar molecules polarization and friction with each other to produce heat phenomenon, and then achieve the purpose of welding plastic, the welding temperature is uniform.
It is applied to the sealed heat sealing of the catheters of medical PVC blood collection bags. It is mainly suitable for the blood transfusion departments of hospitals at all levels, the body collection departments and component departments of blood stations, blood banks as well as medical scientific research institutions.

Features:

* Equipped with a transistor high-frequency generator and filtering-shielding design, it emits minimal radiation.
* Boasting multiple voltage safeguards, a stable circuit, it ensures long-term use.
* The heat-sealing process is fully automated, eliminating the need for manual time adjustment.
* With a user-friendly design, it's compact, lightweight, portable, and easy to operate.
* No preheating required. It can seal rapidly, ideal for mobile blood collection tubes.
* The heat-sealing head has a pre-set groove-shaped cut, allowing easy separation by hand post-sealing.
* Fitted with a reliable anti-splash protector, it's easy to clean.
* Its wrapped heat-sealing head design provides a flat seal, preventing hemolysis.
* With a wide-voltage design, it's compatible with global power supplies and can be paired with various standard plugs.
* Featuring a high-security rechargeable battery, long-distance transport is worry-free.
* It can operate with or without an external power source, making it perfect for mobile emergency scenarios.

Technical Parameters:

Model	BK-HS01
Radio Frequency Output	40.68MHz±10KHz
Sealing Radio Frequency (RF) Consumption	30W
Battery	24V, 4000mAH
Number of Heat Sealings	It takes 3 hours to fully charge the battery, and it can perform 800~1000 heat sealings (depending on the ambient temperature).
Sealing Type	Automatic
Sealing Time	1~2.5s
Suitable Materials	PE or PVC, with an outer diameter of 2~7mm and a wall thickness of ≤1.5mm
Power Supply	Input: AC100~240V, 50Hz/60Hz, 0.7A; Output: DC 24V
Consumption	Working: 150W; Standby: 3W
Components	Heat sealing handle + control box
Standard Accessories	Canvas portable bag, 2-meter-long connecting cable, charger
External Size(W*D*H)mm	145*205*55
Packing Size(W*D*H)mm	215*315*115
Net Weight(kg)	2
Gross Weight(kg)	4

Blood Bag Tube Sealer



BJPX-PR



BJPX-PR-II

Features:

* Fast response, instant heat sealing.
* Status indicator light for easy monitoring of machine operation.
* Automatic heat sealing for more convenient operation.
* A carefully designed heat dissipation structure effectively reduces chamber temperature, ensuring long-term continuous operation.
* Unique high-frequency protection design ensures safe use.
* Suitable for pipes with a maximum diameter of 6mm, precise heat sealing time control ensures uniform seal thickness.
* White safety cover is easily removed and cleaned without special tools.
* Spark protection prevents sparks from damaging samples during operation.

Technical Parameters:

Model	BJPX-PR	BJPX-PR-II
Heat Sealing Method	Automatic heat sealing	
Voltage Regulation	Manual pressure regulation with 3 adjustable levels	Automatic pressure regulation
Applicable Tube Diameter (mm)	Infusion tube with an outer diameter of φ3~φ6, δ≤1 (wall thickness)	
Heat Sealing Time	1~4s (Manual adjustment)	0.1~9.9s (Automatic adjustment)
Rated Power	≤360W	
Power Supply	Standard: AC220V 50/60Hz; optional: AC110V 50/60Hz, external transformer	AC220V 50/60Hz; AC110 50/60Hz, these two voltages can be switched.
Product Size	352*172*240mm	380*180*170mm
Net Weight	6.6kg	8kg
Packing Size	430*240*290mm	430*240*290mm
Gross Weight	7.7kg	10kg



Features:

* Ceramic-coated metal heat-sealing head for rapid heat sealing.
* Easy-tear seam at the heat-sealed joint for easy separation.
* Automatically identifies different pipe thicknesses, facilitating heat sealing of various pipe profiles.
* Safe and effective splash protection device; easy to disassemble and clean.
* Different status indicator lights monitor usage status in real time.
* Built-in measuring tape for easy visual measurement of heat-sealed pipe length.

Technical Parameters:

Model	BK-TH10
RF Source Type	High-frequency transistor
Power Regulation	External rotating five-speed adjustment
Applicable Tube Diameter (mm)	Outer diameter of φ2~φ6.2, δ≤1 (wall thickness)
Heat Sealing Time	0.5~2s
Triggering Method	Mechanical trigger
Splash Guard	Yes
Working Indicator	LED light
Power	≤250W during operation, ≤10W during standby
Power Supply	AC90~264V 50/60Hz
Product Size(W*D*H)	165*305*155mm
Net Weight	5kg
Packing Size(W*D*H)	245*365*210mm
Gross Weight	6.5kg