

Automatic Handheld High Frequency Heat Sealer



Introduction:

High-frequency electron tube self-excited high-frequency oscillation instantly 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 500~700 heat sealings (depending on the ambient temperature). The working time is no less than 5.5 hours.
Sealing Type	Automatic
Sealing Time	2.5s
Suitable Materials	PE or PVC, with an outer diameter of 2~6mm and a wall thickness of ≤ 1.5mm
Power Supply	Input: AC100~240V, 50Hz/60Hz, 0.7A; Output: DC 24V
Consumption	Working: 85W; Standby: 3W
Components	Heat sealing handle + control box
Standard Accessories	Canvas portable bag, 3-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