

## Automatic Sealer



### Introduction:

BK-AF96 Automatic Sealer is a full-automatic equipment for sealing PCR plate, deep well plate, micro-plate, etc. It is mainly used for sealed storage of heat-sensitive substances, which can effectively prevent sample loss and cross contamination.

### Features:

- \* Fully automatic and one key operation, no need of additional manual operation.
- \* Adapts to varieties of plate types.
- \* Adjustable sealing pressure.
- \* A variety of communication interfaces are reserved, which can be quickly connected to other machines.
- \* Each roll of film can seal more than 350 plates(reference).

### Technical Parameters:

| Model                    | BK-AF96   |
|--------------------------|---|
| Positions                | 1pc   |
| Method                   | Cold Seal   |
| Speed                    | < 16s/plate   |
| Operating Mode           | Manual plate change, automatic sealing  |
| Application              | PCR plate, deep well plate and micro-plate conforming to SBS standard(customizable) |
| Control Mode             | Buttons   |
| Interface                | USB   |
| Consumption              | 75W   |
| Power Supply             | 100-240V, 50/60Hz   |
| External Size (L*W*H) mm | 310*380*410   |
| Package Size (L*W*H) mm  | 454*382*464   |
| Net Weight               | 16.5kg  |
| Gross Weight             | 20.5kg  |

## 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 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   |