

# PCR Plate Sealer (Portable)

FS-E30



## INSTRUCTIONS

Free hotline  
**4006-027-178**

**Wuhan Servicebio Technology Co.,Ltd**

5th Floor, 22 Building, Biopark, Gaoxin 2nd Road No. 388, East Lake High-Tech Developing Zone,  
Wuhan, Hubei, China 430079

Tel: 027-85714038 Web: [www.servicebio.com](http://www.servicebio.com)

Read the instructions carefully before using the product and keep it in a safe place for reference.

## Product Introduction

FS-E30 Automatic Film Sealer adopts the rolling method to seal the sealing film safely and firmly. It is not only simple to operate, but also solves the problems caused by traditional manual glue sealing, and can prevent the sample loss and space cross-infection caused by the volatilization and leakage of the PCR plate during the detection reaction process. Another role is to ensure the safe storage and transportation of samples in microplates.

Compared with the traditional hot-pressing method, this product runs a mechanical rolling sealing film, which can effectively avoid the problems of sample inactivation and sample volatilization caused by high temperature, and improve the accuracy of the experiment.

## Features

1. Simple operation and reliable sealing
2. Automatic rolling mode, no need for personnel to operate
3. One time complete sealing within 30 seconds, high efficiency
4. Intelligent touch of entrance and exit control; Preventing problems such as samples not being placed properly or personnel making mistakes in operation, timely touch the switch can withdraw the samples from the working chamber
5. Small footprint, light weight, easy placing and moving at will
6. The status light can visually judge the machine status.

Yellow light: standby state,

Green light: running state,

Red light: abnormal state,

Whenever red light is on, the machine can be restarted directly. And it can be used normally after automatic initialization.

## Operation steps

(1) Plug in the power cord, and the indicator light is red at this time; After the self-check is completed, the indicator turns yellow, indicating standby state.

(2) Place the prepared sample in the PCR plate, tear off the sealing film and stick it on;

(3) Put the PCR plate with film on the sealing machine, pay attention to the alignment of the holes, and then touch the switch to start running. At this time, the yellow light flashes for three seconds and then turns green, and the PCR plate enters the working chamber;

(4) It can be observed that the film sealer first performs a pre-rolling, and after the PCR plate partially exits the working chamber, it enters the second rolling and then completely exits the working chamber. At this time, the red, yellow and green lights flash to indicate that end of operation;

(5) Take out the PCR plate

Note: The purpose of pre-rolling is to make the sealing film quickly fit and prevent edge warping and unevenness, resulting in poor sealing of the PCR plate.

If you want to stop the operation and take out the PCR plate when the operation or sample is wrong, touch the switch to stop the operation and touch it again to withdraw the PCR plate from the working chamber.

**Warning :Do not touch the PCR plate directly during operation in case of injury or loss of samples.**

## The basic parameters

Model	FS-E30
Dimension (L*W*H)	472*119*143 mm
PCR reaction plate	PCR reaction plate without skirt, half skirt, full skirt, Elisa plate
Sealer film	PCR sealer film (pressure-sensitive type)
Weight	6.7kg

Note: It is recommended to use Servicebio' s PCR plate and sealing film for the best sealing effect.

## Packing list

NO.	Name	QTY
1	Film Sealer	1
2	Plug Cord	1
3	Product Instruction	1
4	Warranty Card	1
5	Qualified Certificate	1