

## Pre-Processing of Bio-Samples Semi Automated Plate Sealer

### Application:

The Semi-Automated Plate Sealer is used for sealing a wide variety of microplates (Elisa, cell culture, PCR and deep-well plates) to store samples, prevent evaporation and minimize contamination. It is applicable for a variety of heat seals, meeting any laboratory application, including PCR, colorimetric, fluorescence, long term storage. A plate sensing system allows to provide uniform force, transferring heat evenly to the sealing surface whether using PCR plates or deep-well plates.

### Features:

- \* Rapid heating(reaching 170C in 300seconds)
- \* Adjustable Sealing Temperature: 80°C ~170°C
- \* OLED display screen, high light.
- \* Applicable for different micro plates and heat seals.
- \* Precise temperature, timing and pressure for consistent sealing.
- \* Compact footprint: only 178mm wide x 370mm depth



### Technical Parameters:

Model	BK-PS1000
Display	OLED
Temperature Accurate	±1°C
Seal Time	0.5s~10s(increment of 0.1s)
Seals Plate Heights	9~48mm
Compatible Plate Materials	PP(Polypropylene); PS(Polystyrene); PE(Polyethylene)
Compatible Plate Types	Standard Assay Plates Deep-well Storage Plates PCR Plates: skirted, semi-skirted, non-skirted
Power	300W
Compatible Sealing Film Types	Foil-polypropylene laminate Clear polyester-polypropylene laminate Clear polymer Thin clear polymer
Sealing Temperature	OFF, 80°C~200°C (increment of 1.0°C)
Power Supply	220V, 50/60Hz;110V, 60Hz
Standard Blocks	Deep hole plate /ELISA plate adapters;96-hole microtiter plate adapter
Optional Blocks	384 hole microtiter plate adapter
External Size(W*D*H)mm	370*178*330
Package Size(W*D*H)mm	420*270*460
Net/Gross Weight(kg)	12/13

## Microplate Incubator



### Introduction:

The microplate incubator adopts micro-processing technology combined with PID control method, which has the advantages of small size, light weight, and no pollution; LCD displays temperature and time, and is easy to operate. Mainly used for incubation of ELISA plates (96-well/384-well plates), 96-well cell culture plates, etc.

### Features:

- \* Powder-coated steel shell, sturdy and durable.
- \* Adopt intelligent fuzzy PID control and double-layer heating system to ensure the stability and accuracy of temperature.
- \* With Fahrenheit and Celsius switching function.
- \* Timing mode, timing mode, timing unit are all selectable.
- \* With temperature self-tuning function, 2 interval PID control, 3 stage temperature slope correction.
- \* With lock screen function, password unlock.
- \* With temperature sensor failure alarm prompt, the controller automatically cuts off the heating output.

### Technical Parameters:

Model	BJPX-DH2	BJPX-DH4
Temp. Control Range	RT.+5°C~90°C	
Timing Range	1~ 9999hour/minute	
Temp. Accuracy	≤±0.5°C	
Display Accuracy	0.1°C	
Temp. Uniformity	≤±0.5°C	
Heating Time	≤10min (from RT. to 80°C)	
Capacity	2pcs microplates or culture plates	4pcs microplates or culture plates
Power Supply	AC100V~245V 50/60Hz	
Dimension (mm)	250*300*200	250*430*200
Net Weight (kg)	6.5	12
Package Size (mm)	310*360*260	310*500*260
Gross weight (kg)	10	16