

# Semi-Automated Plate Sealer

## ASP1000

### Description:

- ◆ ASP1000 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, coulometric, 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:

#### Safety

- ◆ If a hand or objects stuck in the drawer when it's moving, the drawer motor will reverse automatically. This feature prevent both user and the unit from injury.
- ◆ Special and smart design on the drawer, it can be detached from the main device.

#### Power save mode

If the unit is left on but inactive for long periods, it will enter a power saving mode.

- ◆ When the unit is inactive for 60min, it will switch into stand-by mode. Then the temperature will be reduced to 60C to save power.
- ◆ When the unit is inactive for 120min, it will switch into Power-Save mode. The display and heating element will be switched off. The user can awaken the unit by pressing any button.



- ◆ Rapid heating(reaching 170℃ in 300seconds)
- ◆ Adjustable Sealing Temperature: 80℃ ~170℃
- ◆ 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

### Parameters:

Project	Parameters
Display	OLED
Temperature accuracy	±1℃
Sealing time	0.5s~10s(increment of 0.1s)
Power	300W
Weight(kg)	11.46
Compatible plate materials	PP(Polypropylene) PS(Polystyrene) PE(Polyethylene)
Compatible Sealing Film Types	Foil-polypropylene laminate Clear polyester-polypropylene laminate Clear polymer Thin clear polymer

Project	Parameters
Sealing temperature	OFF, 80℃~200℃(increment of 1.0℃)
Temperature uniformity	±1℃
Seal plate height	9~48mm
Voltage	AC110V or 220V/50-60HZ
Dimension(mm)	370x178x330
Compatible plate types	Standard Assay Plates Deep-well Storage Plates PCR Plates: skirted, semi-skirted, non-skirted
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