

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, 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:

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°C in 300seconds)
- ◆ Adjustable Sealing Temperature: 80°C ~200°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

Parameters:

Project	Parameters
Display	OLED
Temperature accuracy	±1°C
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°C~200°C(increment of 1.0°C)
Temperature uniformity	±1°C
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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