

avans **AgileSealer™** **Semi Automated Plate Sealer**

The AgileSealer™ Plate Sealer is a semi-automatic thermal sealer which is ideal for the low to medium throughput laboratory that requires uniform and consistent sealing of micro-plates. Unlike manual plate sealer, the AgileSealer™ produces repeatable plate seals. With variable temperature and time settings, sealing conditions are easily optimised to guarantee consistent result, eliminating sample loss. Offering complete versatility, the AgileSealer™ will accept a full range of plates for PCR, assay or storage applications, and can be used for standard height to deep well plates.

Features :

- The unique ceramics platen prevents sticky sealing from over-heating.
- In the event that cleaning is necessary, the side access door can be opened for easy cleaning.
- OLED display screen, highlight and no visual angle limit.
- Adjustable sealing temperature: 80°C to 200°C, rapidly reaching 170°C within 300 seconds.
- Precise temperature, timing and pressure for consistent sealing
- Automatic counting function.



APS-200

Safety :

The motorized drawer features redundant safety switches - if a hand or object obstructs the closing drawer, the drawer motor will reverse. This feature prevents injury to a user as well as to the instrument.

Energy Saving Functions:

When the unit is left idle more than 60min, it automatically switches into stand-by mode during which the temperature of the heating element is reduced to 60°C to save energy. When the unit is left idle more than 120min, it automatically switches into deep-sleep mode during which it switches off the display and heating.

Product Specifications :

Sealing Temperature	80 °C to 200°C (increments of 1.0°C)
Temperature Accuracy	±1.0 °C
Temperature Uniformity	±1.0 °C
Sealing Time	0.5 to 10 sec. (increments of 0.1 sec)
Compatible Plate Materials	PP (Polypropylene) PS (Polystyrene) PE (Polyethylene)
Compatible Plate Types	Standard Assay Plates Deep-Well Plates PCR Plates : skirted, semi-skirted, non-skirted
Seals Plate Height	9 to 48mm high
Compatible Sealing Film Types	Foil-polypropylene laminate Clear polyester-polypropylene laminate Clear polymer Thin clear polymer Foil-laminate Foil
Platen Material	ceramics
Input Power	300W
Input voltage	AC220/110V 50/60Hz
Dimensions (W x D x H)	18 x 35 x 38 cm
Weight	12 kg

Accessories :

Item No.	Type
APS-200-96PCR	Adaptor for 96-well PCR plate
APS-200-FP	Adaptor for flexible plates
APS-200-SF	Weighted sealing flake



Sealing flake :

Due to the weight and nature of sealing films, they are prone to curling and movement with light disturbances. A sealing flake is to hold films in place during the sealing process.