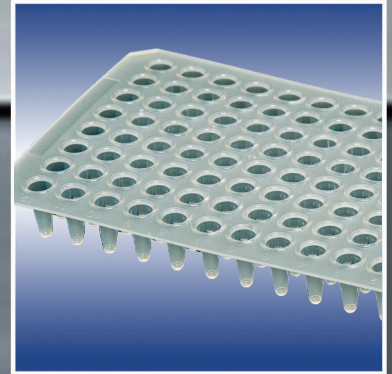


LABNET INTERNATIONAL, INC.

# ACCUSEAL™

SEMI AUTOMATED PLATE SEALER

**Labnet**  
Labnet International, Inc.



- Accepts a wide range of microplates and heat seals
- User-friendly control system
- Large digital display shows all operating parameters
- Adjustable sealing temperature: 100°C to 190°C, or no heat
- Precise temperature, timing and pressure for consistent sealing
- Compact footprint: only 6.75 inches (17cm) wide



# ACCUSEAL™

## SEMI AUTOMATED PLATE SEALER

Labnet's new AccuSeal Semi Automated Plate Sealer is ideal for the low to medium throughput Laboratory that requires uniform and consistent sealing of microplates. Offering complete versatility, the AccuSeal will accept a full range of plates for PCR, assay or storage applications, and can be used for standard height to deep well plates. Operation is easy, sealing parameters are set and displayed via the user-friendly control panel, and the sealing operation is automated to ensure consistent results.

### CONTROLS AND OPERATION

The AccuSeal's Control System features an intuitive layout, and allows optimal settings for all types of plates and sealing material. Press the "MODE" button to choose Sealing Time, or Sealing Temperature, and use the convenient turn knob to change settings. Temperature can be precisely set in increments of 1.0°C, and time in increments of 0.1 seconds. The AccuSeal also features a "No Heat" setting for pressure sealing applications.



The sealing procedure is simple. Place a microplate in the open drawer, place a heat seal on top of the plate, and press the "SEAL" button. The motorized drawer will automatically close, the heated sealing platen will press firmly down on the seal and plate for the precisely set time, and then the drawer will open to present the sealed plate.

### VERSATILITY AND CONVENIENCE

Labnet's AccuSeal can accept a variety of plate types and heights. An aluminum adapter is used for PCR and standard assay plates. The motorized heated platen adjusts automatically for different height plates, and provides uniform pressure to ensure a quality seal. The platen incorporates a special non-stick coating, but in the event that cleaning is necessary, an access door can be opened on the side of the instrument.

### SPECIFICATIONS

Dimensions (WxDxH):	6.75 x 12.75 x 14.25 inches. (171 x 324 x 362 mm)
Weight:	27 Lbs/12 Kg
Sealing Temperature:	OFF, 100° to 190° C (increments of 1.0°)
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 Storage Plates PCR Plates: skirted, semi-skirted, non-skirted
Maximum plate height:	45mm
Compatible Sealing Film Types:	<ul style="list-style-type: none"><li>• Foil-polypropylene laminate</li><li>• Clear polyester-polypropylene laminate</li><li>• Clear polymer</li><li>• Thin clear polymer</li><li>• Foil-laminate</li><li>• Foil</li></ul>



### SAFETY

The AccuSeal has been designed with safety in mind. The internal heating elements are situated inside the instrument casing, and an internal safety door prevents access to the heated area. In addition, the motorized draw 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.

### ORDERING INFORMATION

PS1000	AccuSeal Semi Automated Plate Sealer, includes adapters for standard and deepwell microplates, 120V
PS1000-230V	AccuSeal Semi Automated Plate Sealer, includes adapters for standard and deepwell microplates, 230V includes EU and UK power cords
PS1000-PCR	AccuSeal Adapter for sealing PCR and assay plates

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