

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 guarantee consistent results.

Controls and Operation:

The *AccuSeal*'s Control System allows optimal settings for all types of plates and sealing material. Sealing Time (in 0.1 second increments), and Sealing Temperature (in 1.0°C increments) can be accurately set using the control knob. The *AccuSeal* also features a "No Heat" setting for pressure sealing applications.

Operation is simple: Place a microplate with a sealing film onto the drawer. Press the "SEAL" button and the motorized drawer will automatically close, the heated sealing platen will press down on the seal, and then the drawer will open to present the sealed plate.

Versatility and Convenience:

Labnet's *AccuSeal* can accept a variety of plate heights – the *AccuSeal* adapter is used for assay plates and PCR plates. The motorized heated platen adjusts automatically for different height plates, and provides uniform pressure to ensure a quality seal.

- Accepts a wide range of microplates and heat seals
- 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



CE

SPECIFICATIONS

| | |
|----------------------------|---|
| Dimensions (W x D x H) | 6.75 x 12.75 x 14.25 in/17.1 x 32.4 x 36.2 cm |
| Weight | 27 lbs / 12 kg |
| Sealing Temperature | OFF, 100 °C to 190°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 |
| Maximum Plate Height | 45mm |

ORDERING INFORMATION

| Catalog No. | Description |
|-------------|--|
| PS1000-230V | <i>AccuSeal</i> Semi Automated Plate Sealer, includes adapters for standard and deepwell microplates, 230V includes EU ad UK Power cords |
| PS1000-PCR | <i>Accuseal</i> Adapter for sealing assay and PCR plates |