WHY CHOOSE A BRANDEL PLATE SEALING SYSTEM?

BRANDEL plate sealers provide a pressure-based sealing solution, thus eliminating the drawbacks that occur when using a heat-based plate sealer.

BRANDEL plate sealers apply a uniform adhesive seal using a variety of tapes, with most any plate configuration, height, design or composition.

All plate sealers can be used as a stand-alone unit.

Brandel plate sealers require no compressed air, vacuum, etc.

Model available for integration into liquid handling and robotic systems.
SEALING TAPES

**BREATHABLE** *(Catalog# 9791)*
Gas permeable tape consisting of a white rayon, non-woven backing, coated on one side with a pressure-sensitive acrylate adhesive. Tape is supplied on a white paper release liner.

**ALUMINUM** *(Catalog# 9792)*
Single coated tape consisting of an aluminum seal coated with pressure-sensitive acrylate adhesive. Easy to pierce with a metal probe or a plastic pipette. Tape is supplied on a brown paper release liner.

**POLYESTER** *(Catalog# 9794)*
Single coated tape consisting of a translucent polyester film with pressure sensitive acrylate adhesive. Tape is supplied on a white paper release liner.

**ADVANCED POLYOLEFIN** *(Catalog# 9795)*
Transparent polyolefin film with clear, pressure sensitive, low silicone adhesive. Best choice for visual microscopic analysis. Supplied on a white polyester release liner.

**CLEAR** *(Catalog# 9800)*
Costs only pennies per seal. Ideal for crystallography.

*Please contact Brandel to discuss any questions, special requests, and/or requirements regarding sealing tapes.*
SEALER SPECIFICATIONS

Electrical: 100-240V / 50-60Hz
Dimensions: See Below

SEMI-AUTOMATED SYSTEM
Catalog# CS-2000

FULLY-AUTOMATED SYSTEM WITH RS-232 INTERFACE
Catalog# RS-3000
Includes RS-232 interface, making it the ideal component for integration into liquid handling and robotic systems.

FULLY-AUTOMATED SYSTEM (RS-3000) WITH PLATE STACKER
Catalog# RS-4000
FEATURES & CAPABILITIES

• Programmable software allows for up to 9 different sealing profiles to be stored and recalled from memory

• Sealing process and tape cutting is fully automated

• Ability to adjust the beginning and the end of the tape seal

• Adjustable sealing pressure

• Ability to adjust tape roll location in order to insure proper width placement onto specific plates

• Ability to set plate position height prior to the sealing process

• Adjustable tape roll assembly facilitates usage with various tape diameters, tensions and materials

• Adjustable plate carriage allows for sealing of multiple plate designs

• Ability to set start position of plate (either left or right side)