Automated Plate Seal Remover

Automatically removes seals from a wide range of microplate types with the single touch of a button.

A robust and elegantly-simple automated system, the Automated Plate Seal Remover eliminates the need for repetitive, manual removal of plate seals and enables the adoption of the gold-standard operating model (sealed plates, no lids).

The Automated Plate Seal Remover Tape eliminates the need for mechanical removal mechanisms which are often prone to failure. Automated Plate Seal Remover is highly reliable and can be used manually or integrated into automated systems with external robotics.

Key Features

Compatible with Virtually All Plate Types
and Seal Types

- Can be used with a wide variety of microplates, including full-skirted PCR plates, low-base microplates and deep-well (up to 2ml) plates

- Compatible with a variety of full-plate seals, including heat and pressure applied seals

- Uses proprietary Automated Plate Seal Remover Tape to de-seal microplates, up to 400 seal removals per roll
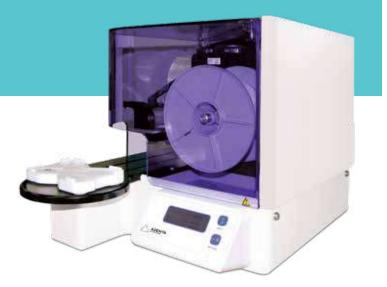
Preserves Sample Integrity

- Eliminates cross contamination common with manual seal removal techniques

- Supports Quality Control measures requiring samples to be sealed until their moment of use

- Holds the plate down whilst the seal is peeled away from the plate, eliminating another contamination issue

- Operating mode minimizes plate or seal damage

- When used as part of an integrated workflow, seal removal verification feature reduces plate handling errors

Easy to Use, Easy to Integrate

- Can be used as a standalone system, or integrated into automated and robotic workflows via Serial RS232 remote interface

- One-touch, push-button operation to de-seal plates makes the Automated Plate Seal Remover an ideal standalone device for busy laboratories

- Capacity to remove up to 200 plate seals per hour

- Robust, time-proven device with hundreds of units placed globally in a range of manual and automated environments

Specifications

Parameter	Value
Seal Removal Capacity	Up to 400 per Tape Roll
Seal Verification Sensor	Reflective with Sensitivity Adjustment
Communication	Serial RS232
Motion Parameters	Tape Adhere Time, De-seal Speed, Plate Output Orientation, Begin Peel Location
General Parameters	Auto Tape Advance, Plate Verification Menu Language
Weight	35kg (76lbs)
Power Requirements	115VAC, 4A, 60Hz 230VAC, 2A, 50Hz
Throughput	Up to 200 Plate Seal Removals per Hour

Ordering Information

Automated Plate Seal Remover Includes: Power cord, manual, plate support adapters, 12 months parts and warranty.	
XP-A_100V	**Automated Plate Seal Remover, 100V,** version for Asia; 1 unit
XP-A	**Automated Plate Seal Remover, 115V,** version for North America; 1 unit
XP-A_230V	**Automated Plate Seal Remover, 230V,** version for Europe; 1 unit
Compatible Tapes	
X-Tape_2000	**Automated Plate Seal Remover Tape,** 5 spools per case

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