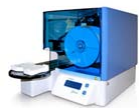


## Nexus XPeel



Manufacturer: Nexus Biosystems  
 Model Number: Nexus-XPeel  
 Web Address: [www.nexusbio.com](http://www.nexusbio.com)

The repetitive task of manually removing plate seals can be challenging to say the least, leading to potential issues such as cross contamination, repetitive motion injuries, and plate/seal damage. The XPeel addresses these issues by being able to automatically remove seals from a broad range of plate types, all at a single touch of a button. At the core of this patented process is the seal removal mechanism, or more accurately, a lack thereof. Instead of utilizing a mechanical approach which is prone to malfunction leading to unreliable results, the seals are removed by XTape, a proprietary adhesive medium which results in a more consistent peel.

### Plate De-Sealer - Run Commands: Commands

- ▶ **stat()** - Retrieve the status of the instrument.
- ▶ **version()** - Retrieve the version number of the instrument.
- ▶ **reset()** - Causes the spool to advance a few inches to fresh tape, and the elevator and conveyor axes to return to the home and ready for plate pick up position.
- ▶ **restart()** - Restart the instrument.
- ▶ **xpeel( A, B )** - Runs the XPeel routine.

A	Integer	Determines the peel location and speed. 1=default-2mm,fast; 2=default-2mm,slow; 3=default,fast; 4=default,slow; 5=default+2mm,fast; 6=default+2mm,slow; 7=default+4mm,fast; 8=default+4mm,slow; 9=custom,custom Range of values: 1 to 9.
B	Integer	Determines the adhering time in seconds. 1=2.5sec, 2=5sec, 3=7.5sec, 4=10sec Range of values: 1 to 4.

- ▶ **moveout()** - Moves out the conveyor towards the user 7mm each time the command is called. When the conveyor reaches its full extended position no movement occurs.
- ▶ **movein()** - Moves in the conveyor to the default "begin peel" position.
- ▶ **movedown()** - Moves down the elevator until it is stopped by a plate or reaches its lower limit.
- ▶ **moveup()** - Moves up the elevator approximately 1.5mm each time the command is called until the elevator reaches its full up home position.
- ▶ **movespool()** - Advances the spool approximately 10mm of tape.

### Instrument Error

 **InstrumentError( alarmMessage )** - Error occurred during command execution.

alarmMessage	String	Error message for the de-sealer.
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