

Introduction

The vacuum collects all debris and dust produced by the fibersect cutting the epoxy and fibers. The vacuum is shipped with a vacuum bag and filter installed and a spare vacuum bag. When connected to the fibersect, the vacuum turns on automatically at the beginning of the cut cycle and turns off three seconds after the cut is completed. Assure that the vacuum is powered up and always turns on with teach cut cycle. If debris is not collected, it will accumulate in the fibersect and eventually prevent its proper functioning.

Vacuum Setup

1. Connect the grey cable 9-pin connector to the front panel of the vacuum. Connect the opposite end to the connector at the back of the fibersect.
2. Plug the vacuum power cord into the power receptacle on the front panel of the vacuum and the other end to a suitable power source.
3. Connect the black adapter end of the vacuum hose to the vacuum inlet at the top of the vacuum enclosure and the opposite end to the barbed fitting on the fibersect.

Using the fibersect with the Vacuum

Awaken the fibersect by pressing its red power button until the ready indicator light turns red and then release it. The indicator will turn green, indicating that it's now enabled. Press the red button again to start the cut cycle. The vacuum will automatically cycle on then shut off with each cut cycle.

Adjusting the Vacuum Level

There are 11 vacuum motor speeds that can be set with the up and down arrows on the top panel. Vacuum levels are set to level 8 for 100V vacuums and level 5 for 220V vacuums prior to shipping. Vacuum levels can be adjusted as follows:

1. Disconnect the grey control cable between the fibersect and the vacuum.
2. Switch the vacuum on using its power switch.
3. Use the vacuum up/down arrows to set the desired vacuum level. To set the speed higher, press the up arrow until you hear a short beep and then release it. To lower the speed, use the down arrow. When you reach the lowest speed (level 1) or the highest speed (level 11), the beep will be noticeably longer. You can also hear the motor speed changes as you make the adjustment.
4. Switch the vacuum power off and then reconnect the grey control cable.
5. The vacuum motor speed is now reset.