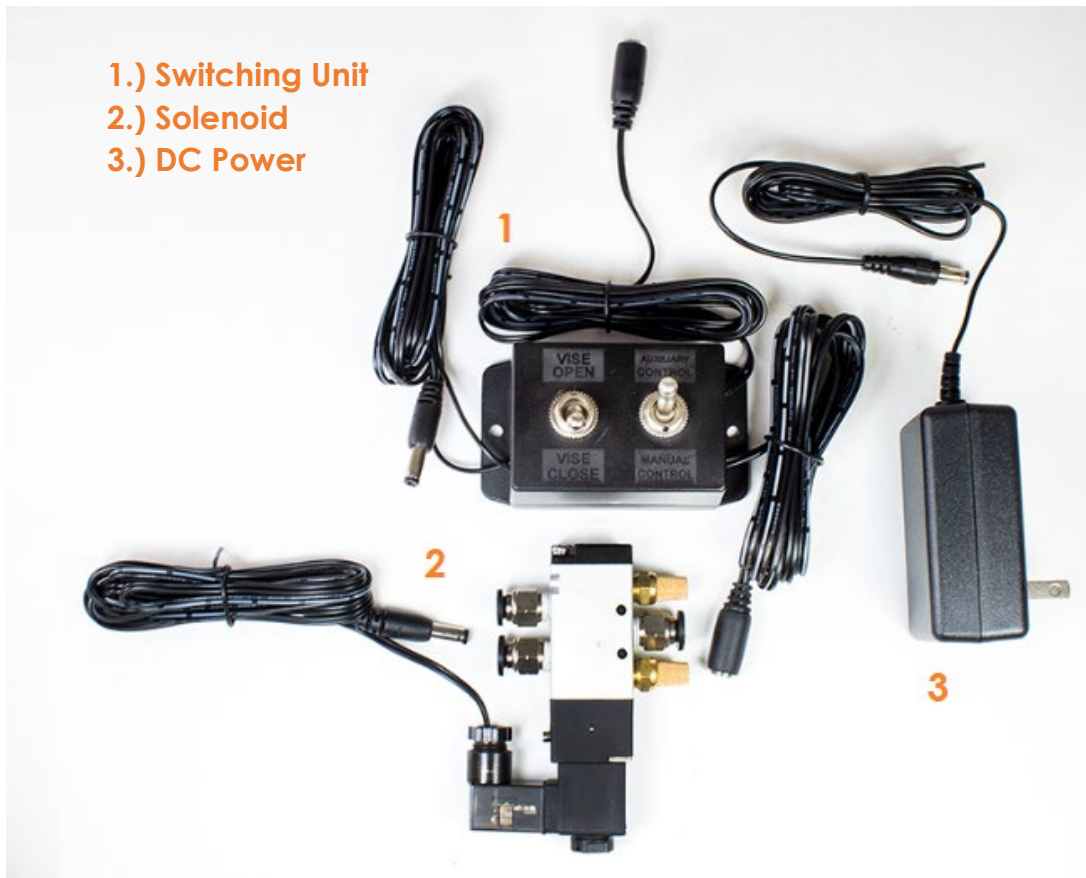


Electric Operations Kit - AV-ACC-EK

Easy integration with robotic command controls or M-Codes.



GETTING TO KNOW YOUR OPERATIONS KIT:





- 1.) DC Power Female Connection
- 2.) Solenoid Female Connection
- 3.) Robotic Command Male Connection

SETTING UP YOUR SWITCHING UNIT:

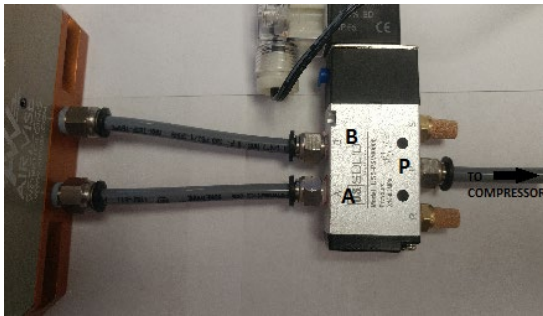
1. Connect #1 labelled female 2.1 wire from switching unit to power supply.
2. Connect #2 labelled female 2.5 wire from switch box to solenoid.
3. Connect tubing to solenoid and vise to compressor.
4. Plug in DC power supply.



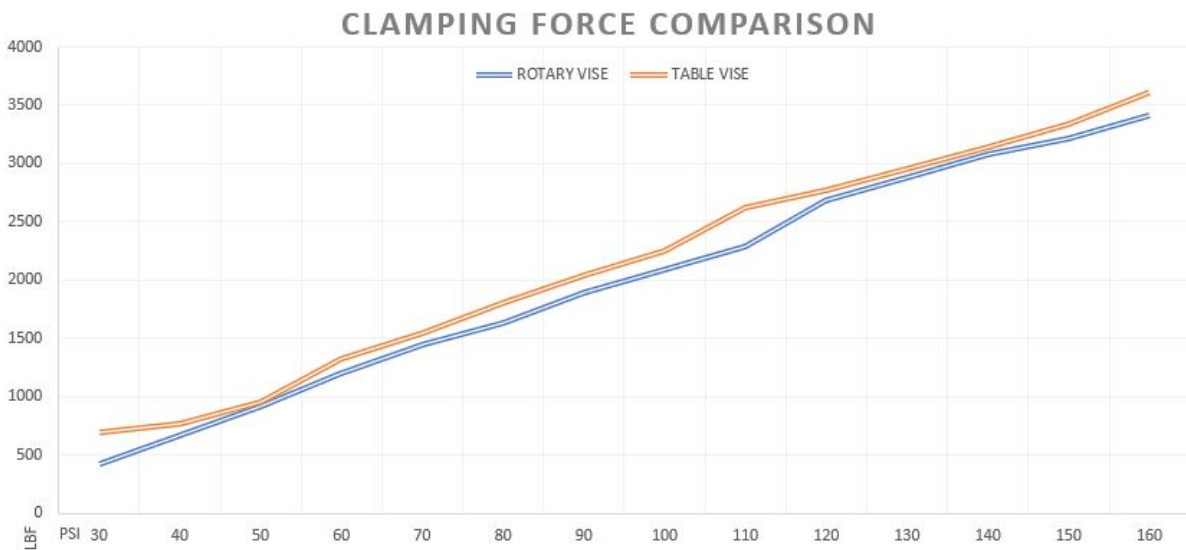
Plug in the DC Power to the switching box.



Plug in the Solenoid to the switching box.



Your operations kit and vise are set up and connected. You can begin to actuate the jaws. Make sure the vise has regulated air supply. Adjust the regulator's PSI to the desired clamping force.



Ensure regulator is supplied with shop air or machine air, set the pressure to the desired clamping force.

The AV&W switching unit is compatible with multiple sources of I/O. The vise can be operated with robotic command controls, M-Codes or manually. The switch provides you the capability to operate the vise in a manual mode. Ensure it is set in your desired configuration.

OPERATING YOUR VISE:

The switching unit has two control switches and the AUXILIARY control switch toggles between manual or automatic mode. The left toggle switch is for vise operation. The right toggle switch is for auxiliary/manual operation.

Auxiliary (automatic) control:

Auxiliary (automatic) control is for robotic command codes or M Code operation. Control switch must be in AUXILIARY position, manual switch can be open or closed. Contact AV&W directly for assistance with code operation.

Manual control:

The manual setting will operate the vise through the switch labeled VISE OPEN and VISE CLOSE. Control switch must be in MANUAL position.

Vise Open – Auxiliary Control



Manual switch can be open or closed

Vise Open - Manual Control



Manual switch down

Vise Close - Manual Control



Manual switch down

When changing your jaws to run different work, place the switch to the open position. Slide jaws outward to remove. Install your new jaws in the reverse order and you're ready to go.

