

How to use the VR Pneumatic Cylinder

This application requires the Windows OS and the DIY 1 DOF haptic device. With the device connected to the computer, turn it on.

After downloading the application from the website, unpack the "PneumaticCylinder.zip" file and then open the file "Cylinder.exe". By pressing the "Start Process" button the application is ready to run with the haptic device.

Select the value of the pressure to operate the cylinder in the window "Gauge Pressure". Hold the handle of the haptic device and, in the window "Motion" select the required command "Extend" or "Retract", to feel the force exerted by the cylinder rod. Play with the applied pressure, the feel different forces.

To close the application the "STOP" button should be pressed before exiting.