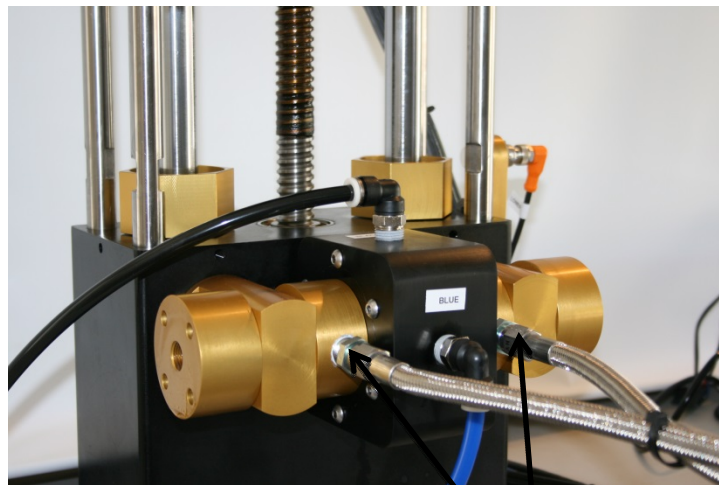
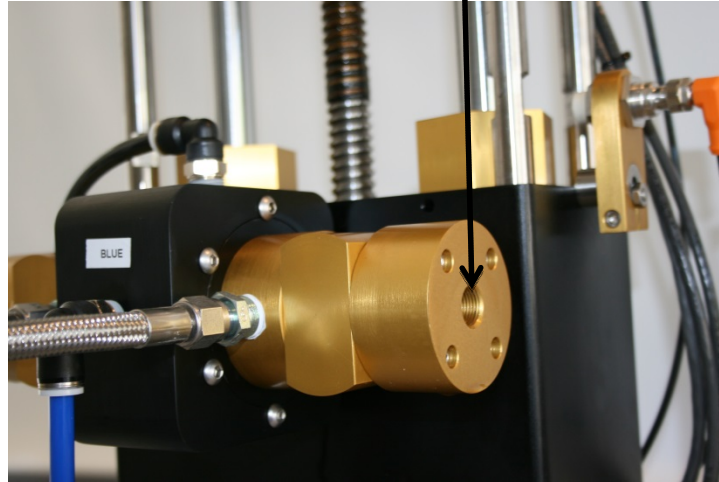


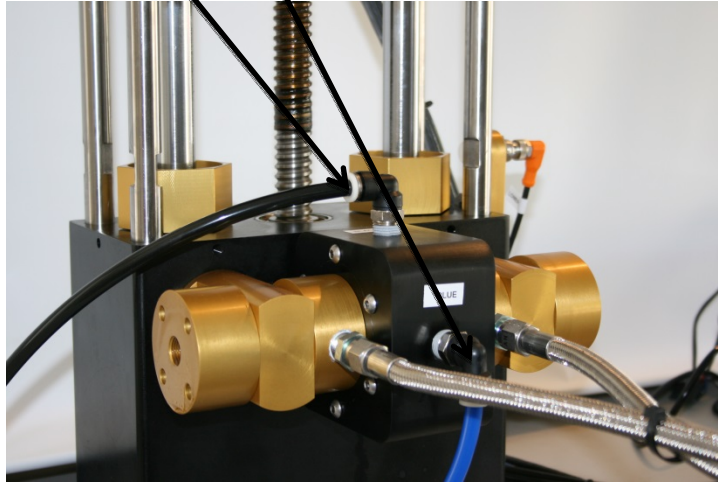
INITIAL SETUP

1. Attach the fluid feed hoses to the inlet ports of the Material Control valve.



2. Attach the two braided stainless hoses to the outlet ports of the Material Control valve.

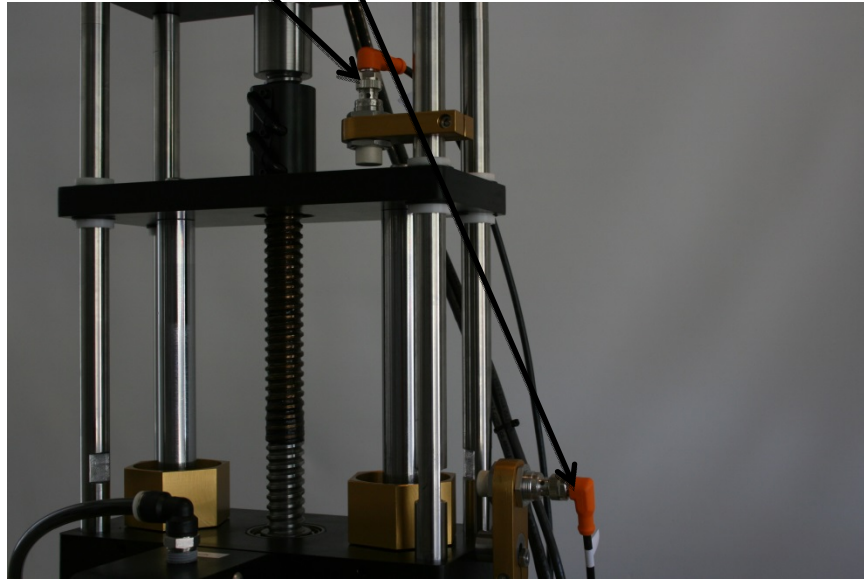
3. Attach the black and blue air lines to the air inlets on the Material Control valve. (They are labeled.)



4. Attach the motor and encoder control cables to the servo motor.



5. Attach the upper and lower sensor cables.



6. Attach the fluid and air lines to the dispense valve.



7. Connect the air supply to the system.

8. Connect the fluid supply to the system.

Note: The pump is self-priming with low viscosity materials. However it can be pressure fed for higher viscosity materials or in cases where the pump might be starved for material. Always feed the pump at a pressure slightly lower than the dispense pressure.

9. Set the air pressure to 70-80 PSI

10. Make sure the dispense valve is connected to the fluid and air lines.

11. Set the pump speed to 25% and run the pump up and down to test the stopping function of the sensors.

Note: Be careful not to crash the pump.

12. Place a waste container under the dispense valve and run the pump continuously until an air free stream of (A) and (B) material is observed.

Note: You can speed up this process by increasing the pump speed.