

# POLYSHOT®

## Pneumatic Sequencer 3700 PS Instruction Sheet for Valve Gate Applications

### UNIT REQUIREMENTS:

Voltage Required - 120V AC Single Phase  
Line Pressure - 100 PSI MAX  
Line Size - 3/8"NPT

1. The Polyshot Pneumatic Sequencer runs on a 120V AC single phase power supply.
2. Attach 3/8"NPT fittings for your applications to the Air Supply, Piston Forward and Piston Back ports on the unit. A filtered air supply is recommended for longer life of the unit. The air supply pressure gauge displays line pressure.
3. Turning the power switch on will illuminate the timer. To set timer values, refer to instructions printed on the side of the unit.
4. Attach limit switch to back of unit. Note: pins 1 and 4 complete the timing circuit. Pins 2 and 3 are not used.
5. Timing starts once limit switch is activated. Timer will go through one cycle and stop. The next timer cycle starts when the switched is activated again.



Set T1 equal to 0 seconds. This will retract the valve pins and open the gates when the switch is triggered.

Set T2 1 second longer than the molding machine set time. The piston will advance the valve pins and will close the gates.

