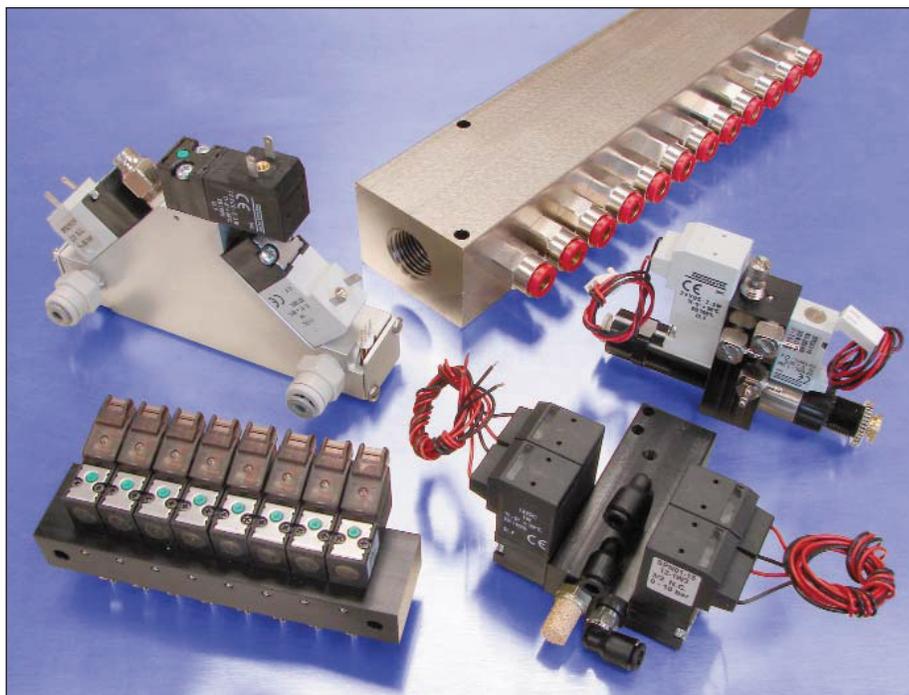


Custom Products

Rely on Pneumadyne's fluid power expertise, design experience and manufacturing capabilities when developing fluid handling applications.



Providing solutions that meet our customer's defined performance requirements has been a priority since Pneumadyne's inception, setting us apart in the miniature pneumatics industry. Our experienced engineers welcome the opportunity to assist in the design and manufacture of pneumatic control systems and custom directional control valves, fittings or manifolds.

Contact Pneumadyne the next time your application requires a custom component.

Dental Industry

- Dental abrasion application
- Pre-set precision pressure regulator
- Two solenoid valves
- Fittings with precision orifices
- Needle valve
- System is 100% pre-set for flow & pressure, ready for installation

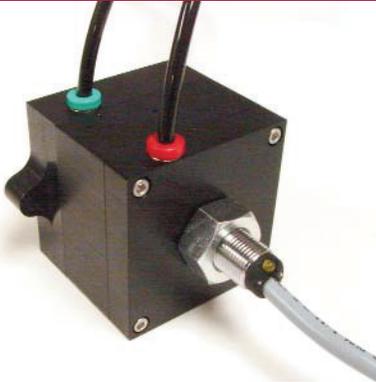


Energy Industry

- Gas pump control application
- PneuTef™ plating for use with raw gas
- Adjustable speed control
- Configuration allows for overstroke of the diaphragm pump
- Push-to-connect fittings to speed tubing installation
- Large internal passages for fast action



Medical Industry



- Fluid infusion application
- Double Acting Rolling Diaphragm Cylinder
- Features position feedback
- Functions at 1.5 psi



- Operatory application
- Integrated manifold block contains three separate circuits
- Two pre-set regulators: one at 7.5 psi, the other at 2 psi
- Four Pressure Transducers
- Five Oxygen cleaned solenoid valves
- Two Relief valves

Printing Industry



- Ink dispensing application
- Valve block features an integrated vacuum signal, primer pump, shut-off valve, screen, orifice & check valve
- Lightweight aluminum body
- Pneu-Edge® fittings ensure permanent tubing installation
- Quick coupling for ink bag connection & disconnection

Pneumadyne is recognized around the world for designing and manufacturing high quality products for use in a wide variety of industries. Our products touch lives in many ways:

Abrasive Dental Equipment

Textile Machines

Assembly Fixtures

Testing Devices

CPR Devices

Medical Gas Delivery

Process Controls

Blood Pressure Testing

Computer Chip Manufacturing & Testing

Fuel Management Systems

Water Purification Systems

Off Road & Recreational Equipment

Farm & Livestock Management & Control

Temperature & Ventilating Devices

Food Processing Equipment

Labeling Devices

Liquid & Glue Dispensing

Custom Design

Our experienced engineers are always available to assist in the design and development of custom products. We take pride in our ability to partner with customers and develop successful solutions for custom applications. Dedication to quality and customer satisfaction are always paramount at Pneumadyne.



Value Added Service & Technology (V.A.S.T.)

Our knowledge and expertise in fluid power and precision machining are an advantage when designing complimentary components. Our engineers welcome the opportunity to assist with the component requirements of value added assemblies. Contact Pneumadyne the next time you are sourcing machining support.

Food & Beverage Industry



- Wine preservation application
- Computerized control system monitors system performance
- 10-gallon vacuum tank
- Quiet vacuum pump
- Reduced overall size



24-hour "lights out" machining, increases our ability to provide custom products and fulfill low volume orders, setting us apart in the miniature pneumatics industry

Material Handling Industry



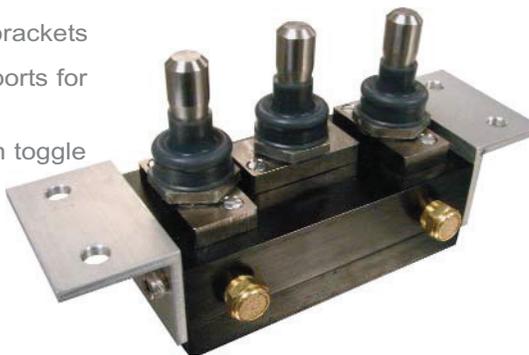
- Pneumatic lift application
- Manifold assembly features a common input port which feeds three valve blocks
- Each valve block contains two solenoid valves, two relief valves & two pilot-operated check valves



- Liquid pump application
- Valve block features two of our Pilot Operated Cartridge Valves
- Shut-off blocks are included to isolate the circuitry
- A single input port supplies pressure to all three circuits
- Inline pressure gauges provide constant input and output readings
- A surface mount Regulator is integrated in the valve block & controls

Automotive Industry

- Trailer shock control application
- Rugged design with mounting brackets
- One input port and two output ports for two handed control
- Protective silicone boot on each toggle
- Heavy duty momentary toggles



- Air suspension application
- 300 psi solenoid valves
- Epoxy sealed connectors for moisture resistance
- Compact & rugged designs
- Built-in check valves to hold system pressure



...more of the ways in which our high quality products touch lives:

Sporting Goods

Therapy Equipment

Beverage Dispensing

High Speed Conveyors

Automotive Equipment

Animatronics

Energy Production Devices

Exercise Equipment

Medical Instruments

Insect Control

Water Sensing Devices

Thermal Analysis Components

DNA Archiving Equipment

Chemical Control Systems

Gas Sampling Devices

Emissions Testing Systems

Optical Grinding Equipment