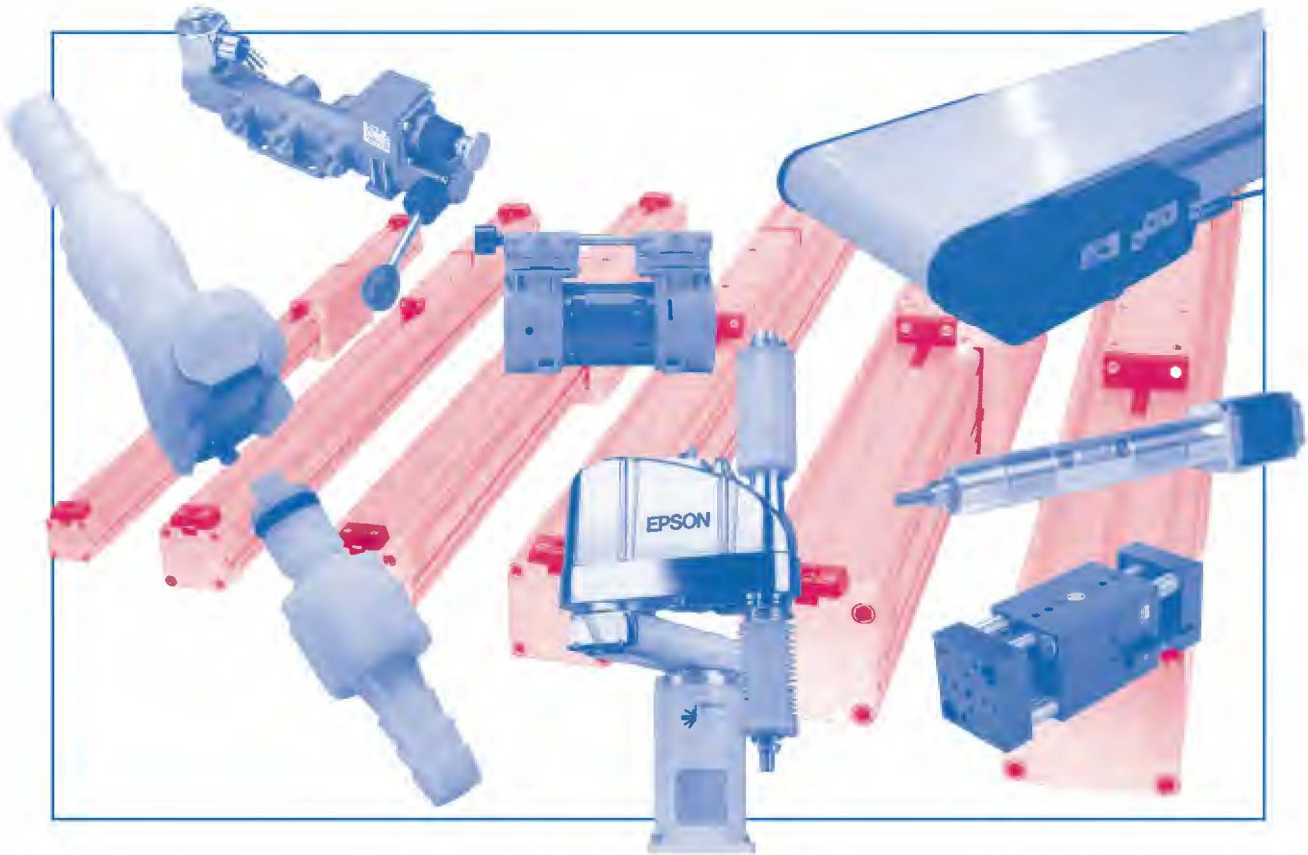




[www.norcal4air.com](http://www.norcal4air.com)

## Product Line

ISO Registered 9001



Innovators in Pneumatic Automation Technology

## VALVES



Since 1949, Versa Valves have been used in the Industrial, Mobile, Food, Oil and Gas Markets. Versa manufactures valves from 10-32 to 2" Port Sizes, Bubble Tight for a minimum of 20 Million Cycles and Versa Valves come with a 10 Year Warranty.



Solenoid Valve (2port, 3port, 4port, 5port), Mechanical Valve, Hand Valve, Air Operated Valve (3port, 5port), Shuttle Valve, ISO#2 Interface Valve.



Scientific Division. Micro-miniature solenoid valves. (Formerly known as Angar Scientific) General service valves from 1/2" in diameter. Rocker style isolation valves and pinch valves.



Two, Three and Four-way Styles, Cv's of .01 to 27, M3 to 1 1/2" Port Size; Vacuum to 250 PSI; Inline, Stacking, Manifold Mount, Sandwich Regulators and Flow-Controls, Serial Addressable. Moduflex System - New Era in Electro-pneumatic Automation.



Two, Three and Four-way Styles, Cv's up to 22; Poppet, Spool and Sleeve or Resilient Sealing. Modular Press Solutions (Double Valve), LOX (Lock-Out & exhaust) Easy-on valves, Green Energy Saver Valve Technology.



Manual & Solenoid Valves, 1/8" to 1" NPT



Acro Associates, Inc, is a leading provider of innovative fluidic products and engineering design services who specializes in the medical device and bioprocessing markets.



Three and Four-way Styles, Interference Sensing, Namur, ISO, Piezo, Proportional, Manual, Mechanical and Solenoid, 1/8-1/2" ports, Vacuum to 16 bar.



Air, Water, Steam, Vacuum and Bubble Tight Valves starting at 1/2 Watt 10-32 to 3" port sizes.



Two, Three and Four-way Styles, 10-32 to 1/4" Ports, Push Button, Toggle, Air Pilot, Needle, Check and Flow-Control. Custom Design and Specials.



Ball Valves and Butterfly Valves, Brass, Carbon Steel and Stainless Steel. Ball Valves - 1/8" to 2", Butterfly Valves - 2-30". Automatic Actuators.

## INDUSTRIAL SHOCK ABSORBERS



Industrial Shock Absorbers, "The Proven Linear Decelerator" Feed Control, Gas Springs, Rotary Dampers, and Vibration Isolation.

## MOVING COIL ACTUATORS



SMAC is a leading manufacturer of precision programmable electric actuators based on moving coil technology.

## CYLINDERS



New Original Line Electric Actuators, With or Without Motor, 75-350 lbs. Thrust (1.5"-3" dia.), 1"-18" Stroke, .125"-1" Lead Screw Pitch. Stainless Steel, The Original Round Bore, Flat I, Flat II, Double-Wall, Metric and Flow Controls, plus New Original Line with Delrin® End Caps. "Ultran" Magnetically Coupled Cylinder, 5/16" to 2" Bore. Linear Thruster and Pneu-Turn Rotary Actuators, Transition Plates. Position Feedback Cylinders.



NFPA Interchangeable Air and Low Pressure Hydraulic Cylinders, Stainless Steel and Aluminum.



Rotary Vane Actuators, Multi-Act Integrated Motion Systems, Trantorque Couplers, Shaker & Pin-act. NFPA cylinders & Pneumatic Thrusters.



The Original Rodless Band Cylinder; 10mm to 80mm Bore, Clean Room Series Cylinders



Hydraulic and Pneumatic Cylinders, 3/4" Bore to 24" Bore. Telescopic Cylinders.



Air Cylinders (ø6 - ø300MM Bore). Manufacturing Plant in Southern California.



3/4" to 12" Bore, Tie-Rod Cylinders, Round Bore, Work Holding Devices

## COMPRESSORS, VACUUM PUMPS AND ACCESSORIES



THOMAS INDUSTRIES: Air Compressors and Vacuum Pumps, Piston and Diaphragm - 1/32 to 1 HP, Oil-less.

T.I. PNEUMOTIVE: Air Compressors, Vacuum Pumps, Rotary Vane and Linear, Oil-less and Lubricated, to 15 HP.

A.S.F./BREY, INC.: Miniature Compressors and Vacuum, Oil-less, Rotary Vane and Diaphragm Units.

WELCH: Medium and Deep Vacuum Pumps to 1 x 10<sup>-4</sup> for Laboratories and Industries.



Recognized Leader in Vacuum Pump Compressor Technology, Graphic Arts, OEM, Application Specific Designs for Process Industries, Soil Remediation, and Regenerative blowers.



2-200 HP - Air Compressor



Lubricated Piston Compressors up to 250 PSI. Noise Level as Low as 30 dba from 1/5 HP to 3/4 HP. Complete Systems & Dental Packages.



Pressure and Vacuum Sensors. Vacuum Generators, Cups and Cylinders.



Quiet, Compact Rotary Compressors for Continuous Air Supply 5 HP to 125 HP Featuring the Optima Line of Unique, Advanced Energy Management Compressors.



Air Power Multi-Stage Vacuum Pumps. Vacuum Cup & Special Cup Fittings Available.



Vacuum Generators, Cups, Pincette, Pressure & Vacuum Sensors.

## AUTOMATION DEVICES



**BIMBA MANUFACTURING CO.**

New Original Line Electric Actuators, With or Without Motor, 75-350 lbs. Thrust (1.5"-3" dia.), 1"-18" Stroke, .125"-1" Lead Screw Pitch. Linear Thruster and Pneu-Turn Rotary Actuators, Transition Plates, Position Feedback Cylinders & Control Packages. Twist Clamp Cylinders, Stopper and Diaphragm Cylinders. Narrow and Low Profile Air Tables, Air to Air Boosters.



**TURN-ACT, INC.**

Rotary Vane Actuators, Multi-Act Integrated Motion Systems and Torque Couplers.



AGI manufactures a complete range of high quality sophisticated Pneumatic Automation Products for Industrial Automation. Their products are used for Assembly, Pick and Place, Packaging, Loading & Unloading, Part Transfer.



Air Bags, Air Springs Vibration Isolation, Air Picker and Air Gripper; Pneumatic Work Holding Devices for Firm and Precise Handling, Both ID and OD Styles.



SCARA, Six-Axis, Cartesian, and Single Axis EZ Modules; *Fast Speeds, High Precision, a Wide Variety of Models, and Ease of Use.*



Innovative Conveyor Solutions. Low Profile Series, Sanitary Series; Vacuum and Magnetic Belting, Complete Packages. 5 Minute Belt Change System.



Electric Linear Actuators, Ball Screw and Belt Drive Styles.



Aluminum Extrusion Framing Systems, No Welding or Painting Required. Designed to Make Assembly of Modular Applications Fast and Easy.



Manufacturers of Precision Control Devices, Electro-Pneumatic I/P, E/P, and P/I, Transducers, Rolling Diaphragm Precision Regulators, and Lubricators, Gauge Protectors, Vacuum and Pressure Gauges 1-1/2" - 6"



Air Presses, 2 Hand A.T.D., Collet Fixtures, Air Impact Hammer

## AIR PREPARATION



Filters, Regulators, Lubricators, Slow Start Valves, Safety Lockout Valves, New Modular Design. Compressor Room Products and Dryers, Electronic Regulators.



**BIMBA MANUFACTURING CO.**

Filters, Regulators, Lubricators



**AIRTROL COMPONENTS, INC.**

Miniature Precision Pressure/Vacuum Regulators and Switches. Comparators and Relief Valves.



**Reading Technologies, Inc.**  
Advanced Air System Technology.<sup>®</sup>

Filters, Regulators, Twin Towers, Dryers, Stainless Steel Food Grade Filters & Refrigerator Dryers. Point of Application Water/Oil Removal Systems.

## FITTINGS, TUBING, AND ACCESSORIES



Push Lock Fittings, 3mm to 1/2" Size, Multi-Color Tubing, Stainless Steel Fittings and Function Fittings.



**PISCO**

Push to Connect Fittings 1.8MM OD to 1/2" OD, Stainless Steel, Poly Pro & PPS. Rotary Units, Stop Fittings, Fixed Orifice Fittings, Flow Controls, Tubing and Grippers.



**AIRTROL COMPONENTS, INC.**

Precision Orifices, Barbed Fittings and Filters.



Barbed Fittings, Miniature Quick Disconnects, Tubing.



**Colder Products Company**

Quick Couplings & Fittings for High Purity, Chemical Handling, Food/Beverage & Medical Industries, and Barbed Fittings. Smart Couplers, Drum Couplers and Customer Designs.



Silencer, Speed Controller, Fittings and Tubing.



Pipe Fittings, 45° Flare, Inverted Flare, Compression/A-Lign, Double Compression, Poly-Fit, and Air Brake.



Quick Connect Couplers; Industrial Interchange



Pressure/Vacuum Gauges 1-1/2" to 6", Stainless Steel and Liquid Filled. Pressure Transmitters and Transducers.



Specialists in Vibration and Noise Control Solutions.



Thermometers, ThermoWells, Diaphragm Seals, Non-Contact Thermometers, Bimetal and Remote Thermometers.



Brass Fittings, Hose & Tubing, Blow Guns, Quick Exhaust Valves, Ball Valves, Airline Accessories.



Hundreds of Fittings for Plastic Tubing. Many hard-to-find shapes & Multi-Barbed Fittings.



Aluminum Manifolds, 1/8 to 3/4 inch Ports. Specials.



Offers tubing, hose, ribbon tubing, fittings, and clamps manufactured from many different materials: PVC, Polyurethane, TPR, Fluoropolymer, Silicone, Nylon, Polyethylene, Polypropylene, Viton®, Latex



ISO Registered 9001

Our Engineering Team can assist in all phases of development.  
Let us demonstrate the numerous ways we can reduce your  
“Total Procurement Costs.”

#### ADDED VALUE

Nor-Cal Controls offers a wide range of added value services such as:

- **Components assembly**
- **Sub-assemblies**
- **Turn-key Equipment**
- **System Integration**

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