

SMC AIR MANAGEMENT SYSTEM

Devices that monitor equipment standby conditions (when production stops), automatically decrease pressure, and reduce unnecessary air consumption.



SMC AIR PREPARATION EQUIPMENT

Components which generate clean air through the dehumidification and filtration of compressed air.



AIR PREPARATION FILTERS

AIR DRYERS

SMC DIRECTIONAL CONTROL VALVES

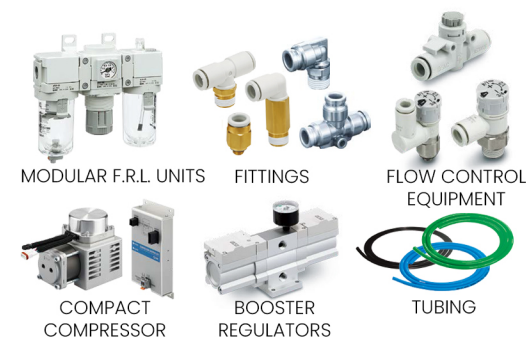
Components which control air cylinders and other actuators by switching the flow direction of compressed air.



SOLENOID VALVES

SMC AIR LINE EQUIPMENT

Components which remove moisture and solid foreign matter from compressed air, provide pressure control, or supply lubrication as well as components for speed control and piping.



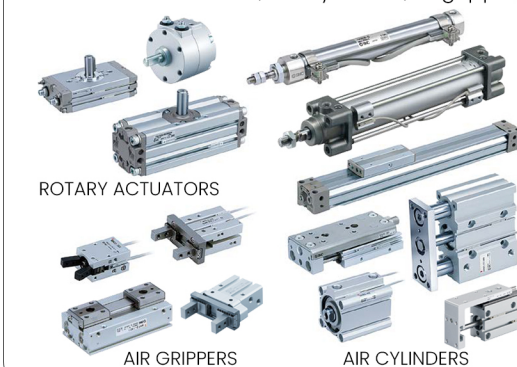
COMPACT COMPRESSOR

BOOSTER REGULATORS

TUBING

SMC ACTUATORS

Components which use the compressed air switched by directional control valves to create force for linear action, rotary action, or gripping.



ROTARY ACTUATORS

AIR GRIPPERS

AIR CYLINDERS

SMC DETECTION SWITCHES

Switches that monitor various fluids, such as air or water, to control pressure and/or flow rates.



PRESSURE SWITCHES

FLOW SWITCHES

SMC STATIC NEUTRALIZATION EQUIPMENT

Static neutralization equipment that prevents product damage and the adhesion of foreign matter due to static electricity.



IONIZERS

SMC ELECTRIC ACTUATORS

Electric components which make use of a variety of controllers and electric motors to provide highly accurate multipoint positioning and shockless transport.

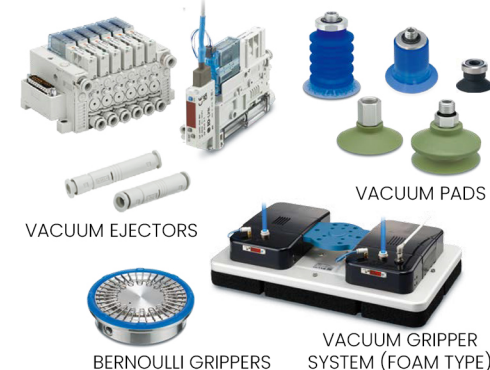


ELECTRIC ACTUATORS

CONTROLLERS/DRIVERS

SMC VACUUM EQUIPMENT

Vacuum equipment that generates a vacuum state by supplying compressed air for workpiece adsorption and transfer applications.



VACUUM EJECTORS

VACUUM PADS

BERNOULLI GRIPPERS

VACUUM GRIPPER SYSTEM (FOAM TYPE)

SMC GRIPPERS FOR COLLABORATIVE ROBOTS

Workpiece adsorption and gripping devices for mounting on robots.



ELECTRIC GRIPPERS

ELASTIC FINGER

AIR GRIPPERS

SMC TEMPERATURE CONTROL EQUIPMENT

Components which provide precise temperature control such as thermo chillers with refrigeration technology and thermo controllers with thermoelectric device technology.



THERMO CONTROLLERS

THERMO CHILLERS

SMC PROCESS VALVES

Process valves that can switch the flow of various fluids such as air, medium vacuum, water, oil, steam, etc.



SMC CHEMICAL LIQUID VALVES

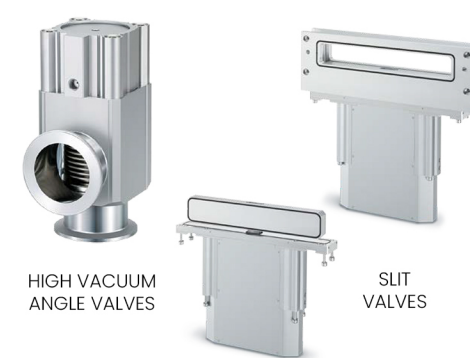
Components which are compatible with chemical liquids, such as acid, alkali, and super-pure water, used in semiconductor and medical devices.



CHEMICAL LIQUID VALVES

SMC HIGH VACUUM EQUIPMENT

High vacuum valves that are used for semiconductor manufacturing equipment.



HIGH VACUUM ANGLE VALVES

SLIT VALVES

SMC PROCESS GAS EQUIPMENT

For UHP gas delivery in semiconductor and other clean industries.



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