Composite Valve Manifold for Air, Gas & Liquid
Custom engineered plastic manifold & valve technology

- Reduced Space
- Reduced Weight
- Reduced Installation Work and Time
- Eliminate Assembly Error
- Reduced Cost of Ownership
Custom Micro Air Systems

3 Port Solenoid Valve Series S070
- 7 mm width
- Cv 0.011
- 0.1 W power consumption

3 Port Solenoid Valve Series V100
- 10 mm width
- Cv 0.016
- 0.1 W power consumption

3 Port Solenoid Valve Series VV100
- 1 or 2 valves per station (10.2 mm width)
- Cv 0.013
- 0.4 W power consumption (0.15 with power saving circuit)

Pressure Switch Series ZSE/ISE30A
- 2-Colour digital display
- Power saving function
- High precision resolution: 1/1000

Pressure Switch Series ZSE/ISE10
- Reduced in depth: 9.8 mm
- Can copy up to 10 switches simultaneously
- Piping is possible from two directions

Compact Manifold Regulator Series ARM10
- 3 different control position possible
- Integrated, replaceable one-touch fittings
- Flow of 150 to 300 l/min

Flow sensor for low flow Series PFMV
- Flow rate display can be selected
- 10 mm width. Reduced piping space
- Response speed: 5 ms or less
Custom Micro Fluidics Systems

- Plastic material
  - Bonding: Acrylic Resin (PMMA), Polyvinyl Chloride (PVC), Polyetherimide (PEI), Polysulfone (PSU)
  - Machined: Polyetheretherketon (PEEK) / other materials on demand
Dispensing pump
Series LSP
• No leakage or crystallization
• Min. dispense volume: 2 µl
• Flow rate up to 900 ml
• Bubble free dispensing

Stainless steel 316 One-touch Fittings
Series KQG2
Tube O.D.: Ø 3.2•4•6•8•10•12•16 mm
Thread: M5 • R1/8 • 1/4 • 3/8 • 1/2
• Material:
  Metal parts : Stainless steel 316
  Seal parts : Special FKM
• Can be used with air, water, steam and others
• Operating fluid temperature: –5 to 150°C
• Grease-free
• Applicable tubing material: FEP, PFA, Nylon, Soft nylon, Polyurethane, Polyolefin

High Purity Fluoropolymer Tubing
Series TL
• Outstanding corrosion resistance
• Comparable with max fluid temperature up to 200°C
• High purity and low particulate generation.

Soft Fluoropolymer Tubing
Series TH
• Flexibility: Approx. 20% improved
• Material: Denatured PTFE
• Operating temperature max. 260°C
• Conforms to Food Sanitation Law

FEP (Fluoropolymer) Tubing
Series TH
• Heat resistance: 200°C
• 4 colour variations
• General pneumatic piping applications (Food, Semiconductor, Medical care and Automotive)