Composite Valve Manifold
for Air, Gas & Liquid

Custom Engineered Plastic Manifold & Valve Technology

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

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

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

5 Port Solenoid Valve Series SJ200
- Serial Transmission
- Low profile
- Manual locking

Pressure Switch Series ZSE/ISE30
- 2-Colors Digital Display
- Space Saving
- High-Precision Resolution: 1/1000

Flow Switch Series PFM
- 2-Colors Digital Display
- Space Saving
- Flow Adjustment Valve

Multi-Surface Mounted!!

Acrylic

High Precision Regulator Series IR
- Compact and Lightweight
- Repeatability ±0.5% F.S.
- Manifolding is possible

PVC, PSU, PEI (Ultem®), PEEK

Diffusion bonding, Machined, Acrylic Resin (PMMA), Polyvinyl Chloride (PVC), Polyetherimide (PEI), Polysulfone (PSU), Polyetheretherketon (PEEK)
Custom Micro Fluidics Systems

LVM Series

LVM095
- 9.5mm width • Orifice 1.1mm
- Power consumption 2W

LVM100
- 13mm width • Orifice 1.4mm
- Power consumption 1.5W

LVM150
- 16mm width • Orifice 1.6mm
- Power consumption 1W
(at holding)

LVM200
- 20mm width • Orifice 2.0mm
- Power consumption 2.5W

Plastic material

<table>
<thead>
<tr>
<th>Diffusion bonding</th>
<th>Acrylic Resin (PMMA), Polyvinyl Chloride (PVC), Polyetherimide (PEI), Polysulfone (PSU)</th>
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<tbody>
<tr>
<td>Machined</td>
<td>Polyetheretherketon (PEEK)</td>
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PEI (Ultem®)

PEEK

PVC

PSU

Acrylic

9.5mm width • Orifice 1.1mm • Power consumption 2W

13mm width • Orifice 1.4mm • Power consumption 1.5W

16mm width • Orifice 1.6mm • Power consumption 1W
(at holding)

20mm width • Orifice 2.0mm • Power consumption 2.5W