



## Valves

High Performance valves are offered in micro control or pneumatic format delivering gas control in the best format for your analytical science needs.

### Features and Benefits

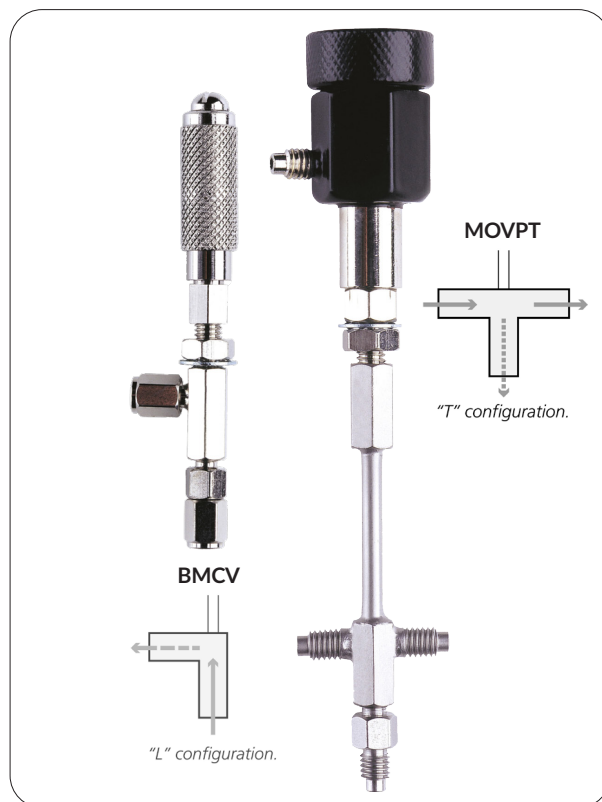
Designed specifically for chromatography applications. Can be used at elevated temperatures from high vacuum to medium pressure.

Vacuum rated to a leak rate of  $1 \times 10^{-5}$  cc/sec of Helium except for BMCV and SMOV, which are not vacuum tested.

- Minimal exposure to stainless steel.
- Fully swept flow path.
- Replaceable graphitized Vespel® seat.
- Range of stem lengths where appropriate.
- Easy installation.
- Maintenance instructions, spare seals and seats are provided with each unit.
- Minimal dead volume.

### Recommended applications

Fine control of gas for all analytical science needs.



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## Product Specifications

Configuration/Material	Length/Connection	Temp Rating	Vacuum Rating	Pressure Rating	Flow Rating	Valve Code
<b>Brass Micro Control Valve (BMCV) - Manual Operation</b>						
L Single Outlet, Brass	1/16"	100 °C	No	700 psi	0-2000 mL/min	BMCV-1
<b>Stainless Steel Manual On/Off Valve (SMOV) - Manual Operation</b>						
L Single Outlet, Stainless Steel	1/16"	100 °C	No	700 psi	n/a	SMOV
<b>On/Off valve (MOVP) - Pneumatic Operation</b>						
L Single Outlet, Stainless Steel	50 mm, 1/16"	300 °C	Yes	700 psi	n/a	MOVP
T Dual Outlet, Stainless Steel	50 mm, 1/16"	300 °C	Yes	700 psi	n/a	MOVPT
Dual Outlet, Stainless Steel	100 mm, 1/16"	300 °C	Yes	700 psi	n/a	MOVPT (L)

<b>Valves Stem</b>	
Description	Part No.
On/Off Valve with Pneumatic Operation (MOVP), L Flow Path with Single Outlet, and 50 mm Long Stem	CA-100000
On/Off Valve with Pneumatic Operation (MOVPT), T Flow Path with Dual Outlet, and 50 mm Long Stem	CA-100001
On/Off Valve with Pneumatic Operation (MOVPT), T Flow Path with Dual Outlet, and 100 mm Long Stem	CA-100002