

## Stream Selectors for OEM Applications

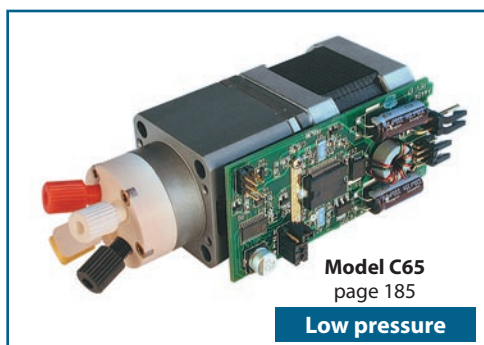
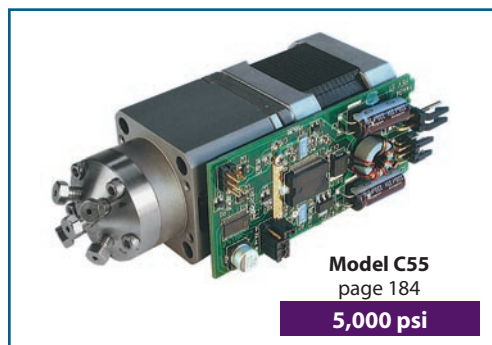
### NEW Integrated Motor/Stream Selectors for OEMs

Cheminert's new **Model C55** (HPLC) and **Model C65** (low pressure) stream selectors are integrated motor/valve assemblies designed specifically to be built into an OEM system. The compact, lightweight package is available in 4, 6, 8, and 10 position configurations.

Using the well-proven Cheminert stream selector design and the 24 volt motor from our popular microelectric actuators, the Models C55, C65, and C65Z need only to be connected to an instrument's power supply. A single momentary contact closure steps the valve to the next position; a separate

contact closure moves the valve to position 1 (Home).

See how our stream selectors can simplify your instrument design and minimize time to market – all while trimming your costs.



### UNIVERSAL ACTUATOR

The new universal actuator for OEMs operates virtually any Valco or Cheminert rotary valve – two position and selector alike – greatly simplifying the electronic aspect of instrument design.

See page 192.

### MORE INFORMATION

**Actuation** ..... 186-209

**Applications** . 168-169

### Materials

Metals..... 254-255  
Polymers .....256  
Valve rotors.....257

### Valve descriptions

Cheminert  
injectors..... 146-149  
selectors..... 150-151  
nanovolume®..... 146  
Diaphragm .... 140-141  
Valco  
injectors..... 99  
selectors..... 100-101

### Cheminert valve prices

HPLC ..... 152-163  
Low pressure .. 164-167  
Nanovolume®  
..... 152-155, 170-171  
Selectors ..... 170-177  
OEM..... 178-185

### TECH TIP

#### Caution:

Metal fittings will damage the threads and details of C25Z, C35Z, and C65Z series valves.

Use of metal fittings in these valves voids the warranty.

### SPECIFICATIONS

#### CHEMINERT MULTIPOSITION VALVES

Model	Stator material	Std rotor material	Max pressure	Max temp	Number of positions
<b>High Pressure</b>					
C5	Metal	Valcon H	5000 psi liq	75°C	4, 6, 8, 10
	PAEK	Valcon E	5000 psi liq	50°C	4, 6, 8, 10
<b>Low Pressure</b>					
C25Z	PPS	Valcon E2	100 psi gas/ 250 psi liq	75°C	4, 6, 8, 10, 12, 14
C25	PPS	Valcon E2	100 psi gas/ 250 psi liq	75°C	4, 6, 8, 10
C35Z	PPS	Valcon E2	100 psi liq	50°C	20, 24, 26
C45	PPS	Valcon TF	100 psi liq	50°C	4, 6, 8
<b>OEM – High Pressure</b>					
C55	Metal	Valcon H	5000 psi liq	50°C	4, 6, 8, 10
	PAEK	Valcon E	5000 psi liq	50°C	4, 6, 8, 10
<b>OEM – Low Pressure</b>					
C65Z	PPS	Valcon E2	100 psi gas/ 250 psi liq	50°C	4, 6, 8, 10
C65	PPS	Valcon E2	100 psi gas/ 250 psi liq	50°C	4, 6, 8, 10

### PORT DIAMETERS

Model	Fitting size	Standard port diameter
<b>High Pressure</b> (.006")		
C5	1/16" ZDV	0.15 mm 0.25 mm (.010") 0.40 mm (.016") 0.75 mm (.030")
<b>Low Pressure</b>		
C25Z	1/16" ZDV	0.75 mm (.030")
C25	1/4-28 for 1/16" tubing	0.75 mm (.030")
	1/4-28 for 1/8" tubing	1.50 mm (.060")
C35Z	1/16" ZDV	0.75 mm (.030")
C45	1/2-20 for 1/4" tubing	4.6 mm (.180")
<b>OEM – High Pressure</b>		
C55	1/16" ZDV	0.25 mm (.010") 0.40 mm (.016") 0.75 mm (.030")
<b>OEM – Low Pressure</b>		
C65Z	1/16" ZDV	0.75 mm (.030")
C65	1/4-28 for 1/16" tubing	0.75 mm (.030")
	1/4-28 for 1/8" tubing	1.50 mm (.060")