

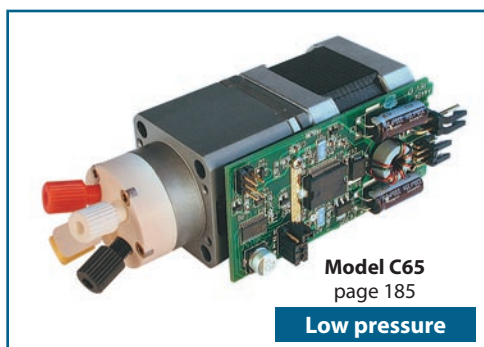
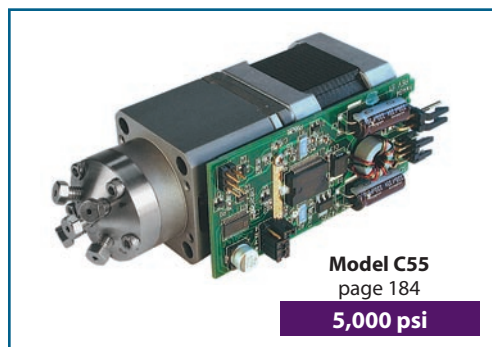
NEW Integrated Motor/Stream Selectors for OEMs

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
Polymers256
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
High Pressure					
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
Low Pressure					
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
OEM – High Pressure					
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
OEM – Low Pressure					
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
High Pressure (.006")		
C5	1/16" ZDV	0.15 mm 0.25 mm (.010") 0.40 mm (.016") 0.75 mm (.030")
Low Pressure		
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")
OEM – High Pressure		
C55	1/16" ZDV	0.25 mm (.010") 0.40 mm (.016") 0.75 mm (.030")
OEM – Low Pressure		
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")