

**Analytical valves,
1/16" Valco fittings, 0.40 mm ports (.016")**

Model C2

SPECS
5000 psi liq
75°C max
 Metal stator
 Valcon H rotor

5000 psi liq
50°C max
 PAEK stator
 Valcon E rotor

Includes stainless steel nuts and ferrules of the stator material. Valves with PAEK stators have PEEK nuts and ferrules.

Standard electric actuator:
 110 VAC for USA
 110/230 VAC to 24 VDC power supply for international.
 Microelectric actuator:
 24 VDC, with 110/230 VAC to 24 VDC power supply.

* The 6 port valve includes a 20 µl loop of the stator material.

5,000 psi

Analytical

1/16"

0.40 mm

OPTIONS

- Continuous flow version is available as Model C6. See page 163.
- Hastelloy C stators
- Semi-prep version with 0.75 mm ports (.030") available
- Loop fill port assembly for injection from front of the valve. See page 41.



Order loops from page 159.

OPTIONAL FLOWPATH

Model C2 6 port valves can also be ordered with a dual 3-way rotor, as described in EPA Method 555.

To specify this flowpath, substitute "6X" for "6" in the valve or rotor product number.



AUTOSAMPLER REPLACEMENT VALVES

The Cheminert Model C2 6 port valve is an excellent replacement for the valve originally supplied in many autosamplers, including autosamplers manufactured by Beckman, Gilson, Spark-Holland, CTC, Thermo Fisher, and Varian.

Call technical support to determine which replacement is best for your application.



4 Port



6 Port*



8 Port



10 Port

Prod No Price Prod No Price Prod No Price Prod No Price

N60 stainless stator

Manual	C2-2004	C2-2006	C2H-2008	C2H-2000
With pneumatic actuator	C2-2004A	C2-2006A	C2H-2008A	C2H-2000A
With standard electric actuator	C2-2004E	C2-2006E	C2H-2008E	C2H-2000E
With microelectric actuator	C2-2004EH	C2-2006EH	C2H-2008EH	C2H-2000EH
Replacement valve	C2-2004D	C2-2006D	C2H-2008D	C2H-2000D
Replacement rotor	C2-20R4	C2-20R6	C2-20R8H	C2-20R0H
Replacement stator	C-2C04	C-2C06	C-2C08H	C-2C00H

PAEK stator

Manual	C2-2344	C2-2346	C2H-2348	C2H-2340
With pneumatic actuator	C2-2344A	C2-2346A	C2H-2348A	C2H-2340A
With standard electric actuator	C2-2344E	C2-2346E	C2H-2348E	C2H-2340E
With microelectric actuator	C2-2344EH	C2-2346EH	C2H-2348EH	C2H-2340EH
Replacement valve	C2-2344D	C2-2346D	C2H-2348D	C2H-2340D
Replacement rotor	C2-23R4	C2-23R6	C2-23R8H	C2-23R0H
Replacement stator	C-2C44	C-2C46	C-2C48H	C-2C40H

Titanium stator

Manual	C2-2034	C2-2036	C2H-2038	C2H-2030
With pneumatic actuator	C2-2034A	C2-2036A	C2H-2038A	C2H-2030A
With standard electric actuator	C2-2034E	C2-2036E	C2H-2038E	C2H-2030E
With microelectric actuator	C2-2034EH	C2-2036EH	C2H-2038EH	C2H-2030EH
Replacement valve	C2-2034D	C2-2036D	C2H-2038D	C2H-2030D
Replacement rotor	C2-20R4	C2-20R6	C2-20R8H	C2-20R0H
Replacement stator	C-2C34	C-2C36	C-2C38H	C-2C30H



Model C2
1/16" ZDV fittings

Analytical HPLC

Analytical internal sample injector, 1/16" Valco fittings, 0.25 mm ports (.010")

5,000 psi

Analytical

Internal sample

1/16" 0.25 mm



Includes stainless steel nuts and ferrules of the stator material. Valves with PAEK stators have PEEK nuts and ferrules.

Standard electric actuator:
110 VAC for USA
110/230 VAC to 24 VDC power supply for international.
Microelectric actuator:
24 VDC, with 110/230 VAC to 24 VDC power supply.

SPECS

5000 psi liq
75°C max
Metal stator
Valcon H rotor

5000 psi liq
50°C max
PAEK stator
Valcon E rotor

Sample volume	0.1 µl		0.2 µl		0.5 µl	
	Prod No	Price	Prod No	Price	Prod No	Price
N60 stainless stator						
Manual	C4-1004-.1		C4-1004-.2		C4-1004-.5	
With pneumatic actuator	C4-1004-.1A		C4-1004-.2A		C4-1004-.5A	
With standard electric actuator	C4-1004-.1E		C4-1004-.2E		C4-1004-.5E	
With microelectric actuator	C4-1004-.1EH		C4-1004-.2EH		C4-1004-.5EH	
Replacement valve	C4-1004-.1D		C4-1004-.2D		C4-1004-.5D	
Replacement rotor	C4-10R-.1		C4-10R-.2		C4-10R-.5	
Replacement stator	C4-1C0		C4-1C0		C4-1C0	
PAEK stator						
Manual	C4-1344-.1		C4-1344-.2		C4-1344-.5	
With pneumatic actuator	C4-1344-.1A		C4-1344-.2A		C4-1344-.5A	
With standard electric actuator	C4-1344-.1E		C4-1344-.2E		C4-1344-.5E	
With microelectric actuator	C4-1344-.1EH		C4-1344-.2EH		C4-1344-.5EH	
Replacement valve	C4-1344-.1D		C4-1344-.2D		C4-1344-.5D	
Replacement rotor	C4-13R-.1		C4-13R-.2		C4-13R-.5	
Replacement stator	C4-1C4		C4-1C4		C4-1C4	
Titanium stator						
Manual	C4-1034-.1		C4-1034-.2		C4-1034-.5	
With pneumatic actuator	C4-1034-.1A		C4-1034-.2A		C4-1034-.5A	
With standard electric actuator	C4-1034-.1E		C4-1034-.2E		C4-1034-.5E	
With microelectric actuator	C4-1034-.1EH		C4-1034-.2EH		C4-1034-.5EH	
Replacement valve	C4-1034-.1D		C4-1034-.2D		C4-1034-.5D	
Replacement rotor	C4-10R-.1		C4-10R-.2		C4-10R-.5	
Replacement stator	C4-1C3		C4-1C3		C4-1C3	

OPTIONS

- .05 µl sample volumes are also available.
- Loop fill port assembly for injection from front of the valve.
See page 41.



Model C4
1/16" ZDV fittings

MORE INFORMATION

- Actuators
Air page 195
Microelectric .. 188-189
Standard electric ... 193
Materials
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Polymers 256
Valve rotors..... 257
Standoff
assemblies 205-207





Analytical through-the-handle injector, 1/16" Valco fittings, 0.40 mm ports (.016")

Model C1

SPECS

5000 psi liq
75°C max
Metal stator
Valcon H rotor

Available only in manual version. Position feedback included.

Includes stainless steel nuts and ferrules. Valves with PAEK stators have PEEK nuts and ferrules.

Includes one 20 µl loop of the stator material.



5,000 psi

Analytical

Through-handle

1/16" 0.40 mm

5000 psi liq
50°C max
PAEK stator
Valcon E rotor

6 port injector
Replacement rotor
Replacement stator

N60 stainless stator

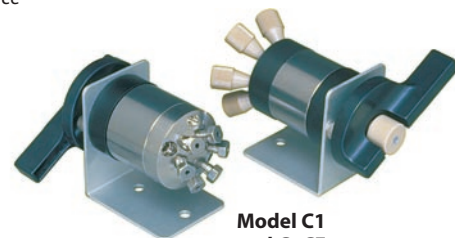
Prod No *Price*
C1-2006
C1-20R6
C-2C06

PAEK stator

Prod No *Price*
C1-2346
C1-23R6
C-2C46

Prod No *Price*

C-261



Model C1 and C1CF
1/16" ZDV fittings

OPTIONS

- Titanium stator available.
- 0.25 mm bore (.010") on page 160.

Replacement injector fitting

Analytical continuous flow through-the-handle injector, 1/16" Valco fittings, 0.40 mm ports (.016")

Model C1CF

SPECS

5000 psi liq
75°C max
Metal stator
Valcon H rotor

Available only in manual version. Position feedback included.

Includes stainless steel nuts and ferrules. Valves with PAEK stators have PEEK nuts and ferrules.

Includes one 20 µl loop of the stator material.



5,000 psi

Analytical

Continuous flow

Through-handle

1/16" 0.40 mm

5000 psi liq
50°C max
PAEK stator
Valcon E rotor

6 port injector
Replacement rotor
Replacement stator
Prod No

N60 stainless stator

Prod No *Price*
C1CF-2006
C1-20R6
C6-2C06
Price

PAEK stator

Prod No *Price*
C1CF-2346
C1-23R6
C6-2C46

C-261



OPTIONS

- 0.25 mm bore (.010") on page 160.

Replacement injector fitting

Analytical continuous flow injector, 1/16" Valco fittings, 0.40 mm ports (.016")

Model C6

SPECS

5000 psi liq
75°C max
Metal stator
Valcon H rotor

Includes stainless steel nuts and ferrules.

Includes a 20 µl loop of the stator material.

Standard electric actuator: 110 VAC for USA 110/230 VAC to 24 VDC power supply for international.

Microelectric actuator: 24 VDC, with 110/230 VAC to 24 VDC power supply.

5,000 psi

Analytical

Continuous flow

1/16" 0.40 mm

5000 psi liq
50°C max
PAEK stator
Valcon E rotor

Manual
With pneumatic actuator
With standard electric actuator
With microelectric actuator
Replacement valve
Replacement rotor
Replacement stator

N60 stainless stator

Prod No *Price*
C6-2006
C6-2006A
C6-2006E
C6-2006EH
C6-2006D
C2-20R6
C6-2C06

PAEK stator

Prod No *Price*
C6-2346
C6-2346A
C6-2346E
C6-2346EH
C6-2346D
C2-23R6
C6-2C46

Order loops from page 159.



Model C6
1/16" ZDV fittings

C1CF and C6 CONTINUOUS FLOWPATH

An engraving on the stator maintains pump flow between ports 5 and 4 during most of the switching cycle, virtually eliminating pressure spikes.

