



2009 #60

NEW Integrated motor/valve, 1/16" Valco fittings, 0.25 mm ports (.010")

Model C52

- 5,000 psi
- Microbore
- Integrated
- 1/16"
- 0.25 mm



See page 149 for detailed information on Model C52 valves.

Also available in vertical port version. Contact the factory.

Includes stainless steel nuts and ferrules of the stator material.

Valves with PAEK stators have PEEK nuts and ferrules.

SPECS

**5,000 psi liq
40°C max**
N60 stainless stator
Valcon H rotor

**5,000 psi liq
40°C max**
PAEK stator
Valcon E rotor



4 Port

Prod No Price



6 Port*

Prod No Price



8 Port

Prod No Price



10 Port

Prod No Price

N60 stainless stator

With integrated actuator

C52-1004I C52-1006I C52-1008I C52-1000I

With motor/sensor only

C52-1004I-S C52-1006I-S C52-1008I-S C52-1000I-S

With motor only

C52-1004IX C52-1006IX C52-1008IX C52-1000IX

Replacement rotor

C2-10R4 C2-10R6 C2-10R8H C2-10R0H

Replacement stator

C52-1C04 C52-1C06 C52-1C08 C52-1C00

PAEK stator

With integrated actuator

C52-1344I C52-1346I C52-1348I C52-1340I

With motor/sensor only

C52-1344I-S C52-1346I-S C52-1348I-S C52-1340I-S

With motor only

C52-1344IX C52-1346IX C52-1348IX C52-1340IX

Replacement rotor

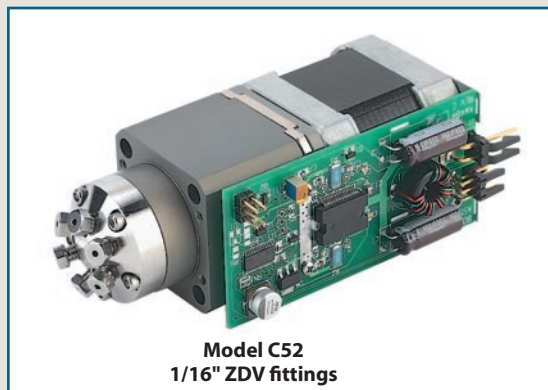
C2-13R4 C2-13R6 C2-13R8H C2-13R0H

Replacement stator

C52-1C44 C52-1C46 C52-1C48 C52-1C40

OPTIONS

- Vertical port version. (Model C52V)
Contact the factory for more information.
- Optional 0.40 mm (.016") and 0.75 mm ports (.030") available
- Titanium and Hastelloy stators available



Model C52
1/16" ZDV fittings



Model C52V – vertical port version
(Contact the factory for info.)

Sample loops

for C52 injectors

Each metal loop includes two stainless steel nuts and ferrules.

Each PEEK loop includes two PEEK nuts and ferrules.

Volume	Stainless Steel		PEEK (for PAEK stators)	
	Prod No	Price	Prod No	Price
2 µl	CSL2		CZSL2PK	
5 µl	CSL5		CZSL5PK	
10 µl	CSL10		CZSL10PK	
20 µl	CSL20		CZSL20PK	
50 µl	CSL50		CZSL50PK	
100 µl	CSL100		CZSL100PK	
250 µl	CSL250		CZSL250PK	
500 µl	CSL500		CZSL500PK	
1 ml	CSL1K		CZSL1KPK	
2 ml	CSL2K		CZSL2KPK	
5 ml	CSL5K		CZSL5KPK	
10 ml	CSL10K		-	



MORE INFORMATION

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

ABOUT LOOPS

- Other materials available in many sizes: Electroformed Nickel, Hastelloy C, Nickel 200, and PTFE (see pages 254-255).
- Metal loops > 2 ml are made from 1/8" OD tubing with brazed or welded 1/16" tube ends or reducing unions.

CHROMalytic TECHNOlogy Pty Ltd AUSTRALIAN Distributors e-mail: sales@chromtech.net.au Tel: 03 9762 2034

Microbore centered port injector, 1/16" Valco fittings, 0.25 mm ports (.010")

Model C3

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. Valves with PAEK stators have PEEK nuts and ferrules.

Includes one 5 µl loop of the stator material. Includes syringe fill port for 22 gauge 3/4" and 2" needle.

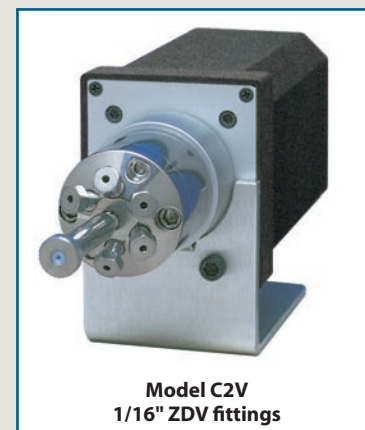
Standard electric actuator:
 110 VAC for USA
 110/230 VAC to 24 VDC power supply for international.

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



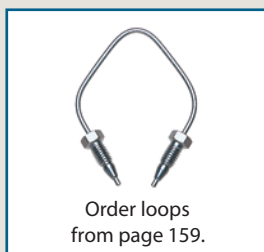
- 5,000 psi**
- Microbore**
- Centered port**
- 1/16"** **0.25 mm**

N60 stainless stator		PAEK stator	
Prod No	Price	Prod No	Price
Manual	C3-1006	C3-1346	
With pneumatic actuator	C3-1006A	C3-1346A	
With standard electric actuator	C3-1006E	C3-1346E	
With microelectric actuator	C3-1006EH	C3-1346EH	
Replacement valve	C3-1006D	C3-1346D	
Replacement rotor	C2-10R6	C2-13R6	
Replacement stator	C3-1C06	C3-1C46	



OPTIONS

- Titanium and Hastelloy stators available



Microbore vertical port injector, 1/16" Valco fittings, 0.25 mm ports (.010")

Model C2V

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. Valves with PAEK stators have PEEK nuts and ferrules.

Includes one 5 µl loop of the stator material.

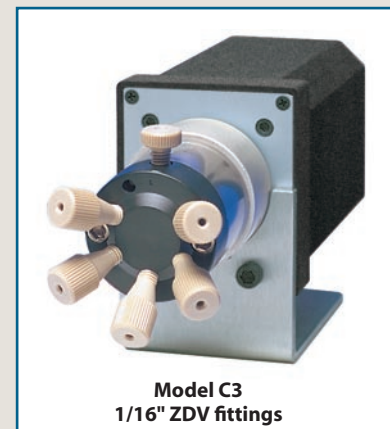
Standard electric actuator:
 110 VAC for USA
 110/230 VAC to 24 VDC power supply for international.

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



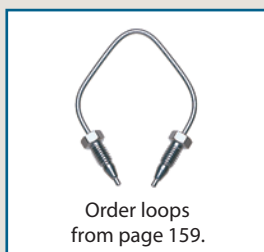
- 5,000 psi**
- Microbore**
- Vertical port**
- 1/16"** **0.25 mm**

N60 stainless stator		PAEK stator	
Prod No	Price	Prod No	Price
Manual	C2V-1006	C2V-1346	
With pneumatic actuator	C2V-1006A	C2V-1346A	
With standard electric actuator	C2V-1006E	C2V-1346E	
With microelectric actuator	C2V-1006EH	C2V-1346EH	
Replacement valve	C2V-1006D	C2V-1346D	
Replacement rotor	C2-10R6	C2-13R6	
Replacement stator	C2V-1C06	C2V-1C46	



OPTIONS

- Titanium and Hastelloy stators available





NEW Integrated motor/valve, 1/16" Valco fittings, 0.40 mm ports (.016")

Model C52

- 5,000 psi
- Analytical
- Integrated
- 1/16" 0.40 mm



See page 149 for detailed information on Model C52 valves.

Includes stainless steel nuts and ferrules of the stator material.

Valves with PEEK stators have PEEK nuts and ferrules.



4 Port

Prod No Price



6 Port*

Prod No Price



8 Port

Prod No Price



10 Port

Prod No Price

N60 stainless stator

With integrated actuator	C52-2004I	C52-2006I	C52-2008I	C52-2000I
With motor/sensor only	C52-2004I-S	C52-2006I-S	C52-2008I-S	C52-2000I-S
With motor only	C52-2004IX	C52-2006IX	C52-2008IX	C52-2000IX
Replacement rotor	C2-20R4	C2-20R6	C2-20R8H	C2-20R0H
Replacement stator	C52-2C04	C52-2C06	C52-2C08	C52-2C00

PEEK stator

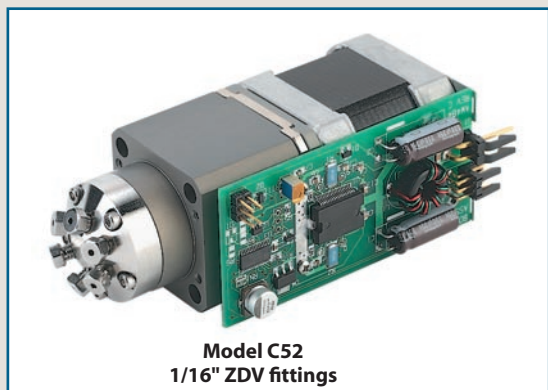
With integrated actuator	C52-2344I	C52-2346I	C52-2348I	C52-2340I
With motor/sensor only	C52-2344I-S	C52-2346I-S	C52-2348I-S	C52-2340I-S
With motor only	C52-2344IX	C52-2346IX	C52-2348IX	C52-2340IX
Replacement rotor	C2-23R4	C2-23R6	C2-23R8H	C2-23R0H
Replacement stator	C52-2C44	C52-2C46	C52-2C48	C52-2C40

SPECS

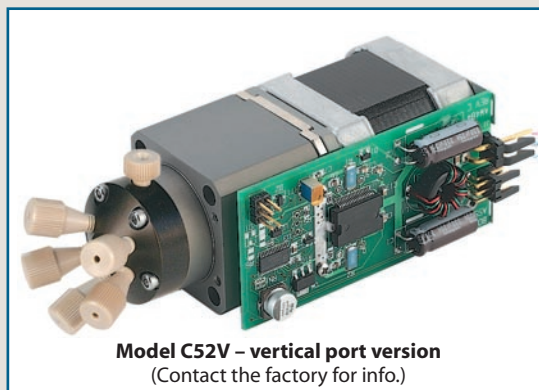
- 5,000 psi liq
- 40°C max
- N60 stainless stator
- Valcon H rotor
- 5,000 psi liq
- 40°C max
- PEAK stator
- Valcon E rotor

OPTIONS

- Vertical port version. (Model C52V)
Contact the factory for more information.
- Optional 0.25 mm (.010") and 0.75 mm ports (.030") available
- Titanium and Hastelloy stators available



Model C52
1/16" ZDV fittings



Model C52V – vertical port version
(Contact the factory for info.)

Sample loops for C52 injectors

Each metal loop includes two stainless steel nuts and ferrules.
Each PEEK loop includes two PEEK nuts and ferrules.

Volume	Stainless Steel		PEEK (for PEEK stators)	
	Prod No	Price	Prod No	Price
2 µl	CSL2		CZSL2PK	
5 µl	CSL5		CZSL5PK	
10 µl	CSL10		CZSL10PK	
20 µl	CSL20		CZSL20PK	
50 µl	CSL50		CZSL50PK	
100 µl	CSL100		CZSL100PK	
250 µl	CSL250		CZSL250PK	
500 µl	CSL500		CZSL500PK	
1 ml	CSL1K		CZSL1KPK	
2 ml	CSL2K		CZSL2KPK	
5 ml	CSL5K		CZSL5KPK	
10 ml	CSL10K		-	



RMATION

- MORE INFO**
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 - Valve rotors

OOPS

- ABOUT materials**
- available in many sizes: Electroformed Nickel, Hastelloy C, Nickel 200, and PTFE (see pages 254-256).
 - Metal loops > 2 ml are made from 1/8" OD tubing with brazed or welded 1/16" tube ends or reducing unions.

CHROMalytic TECHNOlogy Pty Ltd AUSTRALIAN Distributors e-mail: sales@chromtech.net.au Tel: 03 9762 2034

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

Model C3

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. Valves with PAEK stators have PEEK nuts and ferrules.

Includes one 20 µl loop of the stator material. Includes syringe fill port for 22 gauge 3/4" and 2" needle.

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

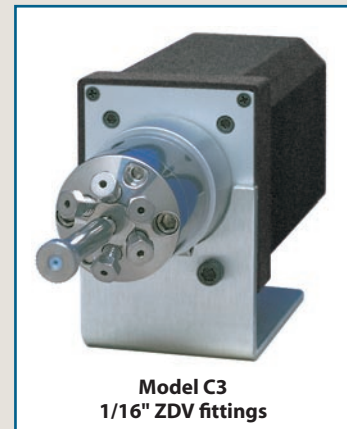
Analytical

Centered port

1/16"

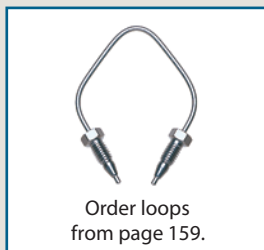
0.40 mm

N60 stainless stator		PAEK stator	
Prod No	Price	Prod No	Price
Manual	C3-2006	C3-2346	
With pneumatic actuator	C3-2006A	C3-2346A	
With standard electric actuator	C3-2006E	C3-2346E	
With microelectric actuator	C3-2006EH	C3-2346EH	
Replacement valve	C3-2006D	C3-2346D	
Replacement rotor	C2-20R6	C2-23R6	
Replacement stator	C3-2C06	C3-2C46	



OPTIONS

- Titanium and Hastelloy stators available



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

Model C2V

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. Valves with PAEK stators have PEEK nuts and ferrules.

Includes one 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

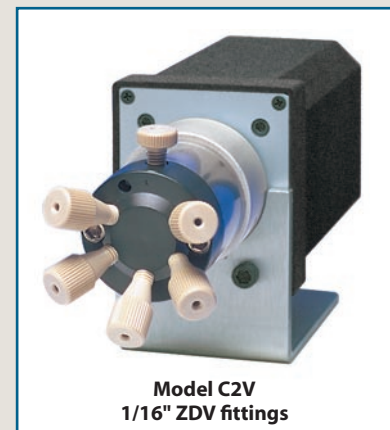
Analytical

Vertical port

1/16"

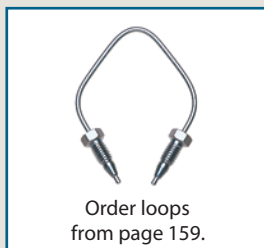
0.40 mm

N60 stainless stator		PAEK stator	
Prod No	Price	Prod No	Price
Manual	C2V-2006	C2V-2346	
With pneumatic actuator	C2V-2006A	C2V-2346A	
With standard electric actuator	C2V-2006E	C2V-2346E	
With microelectric actuator	C2V-2006EH	C2V-2346EH	
Replacement valve	C2V-2006D	C2V-2346D	
Replacement rotor	C2-20R6	C2-23R6	
Replacement stator	C2V-2C06	C2V-2C46	



OPTIONS

- Titanium and Hastelloy stators available





OEM – Low Pressure

NEW Integrated motor/valve, 1/16" Valco ZDV fittings, 0.75 mm ports (.030")

Model C62Z

- Low pressure
- Integrated
- 10-32 ZDV
- 1/16" 0.75 mm

Includes Valco ZDV PEEK nuts and ferrules. Sample loops are not included with valves. Order separately.

SPECS
 100 psi gas/ 250 psi liq
 50°C max
 PPS stator
 Valcon E2 rotor

CE



4 Port

Prod No Price



6 Port

Prod No Price



8 Port

Prod No Price



10 Port

Prod No Price

With motor, sensor, & controller
 With motor and sensor only

C62Z-3184I
 C62Z-3184I-S

C62Z-3186I
 C62Z-3186I-S

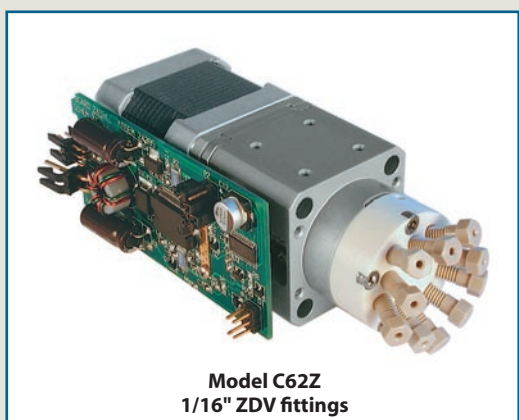
C62Z-3188I
 C62Z-3188I-S

C62Z-3180I
 C62Z-3180I-S

OPTIONS

- Other polymeric rotors and stators are available

Consult the factory for prices and information.



Model C62Z
 1/16" ZDV fittings

Sample loops

for Model C62Z

Loops include PEEK nuts and ferrules. Loops less than 500 µl are made from 1/16" OD tubing; loops 500 µl or greater are made from 1/8" OD tubing with polymeric unions and 1/16" ends.



Volume	FEP		PTFE		PEEK	
	Prod No	Price	Prod No	Price	Prod No	Price
5 µl	CZSL5FEP		CZSL5TF		CZSL5PK	
10 µl	CZSL10FEP		CZSL10TF		CZSL10PK	
20 µl	CZSL20FEP		CZSL20TF		CZSL20PK	
50 µl	CZSL50FEP		CZSL50TF		CZSL50PK	
100 µl	CZSL100FEP		CZSL100TF		CZSL100PK	
250 µl	CZSL250FEP		CZSL250TF		CZSL250PK	
500 µl	CZSL500FEP		CZSL500TF		CZSL500PK	
1 ml	CZSL1KFEP		CZSL1KTF		CZSL1KPK	
2 ml	CZSL2KFEP		CZSL2KTF		CZSL2KPK	

MORE INFORMATION

- Materials
- Metals page 254-255
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- Valve rotors 257

CHROMalytic TECHNOlogy Pty Ltd AUSTRALIAN Distributors e-mail: sales@chromtech.net.au Tel: 03 9762 2034

NEW Integrated motor/valve, 1/4-28 fitting details for 1/16" tubing, 0.75 mm ports (.030")

Model C62

SPECS
 100 psi gas/ 250 psi liq
 75°C max
 PPS stator
 Valcon E2 rotor

Includes multicolored Cheminert flangeless fittings for 1/16" tubing.

Sample loops are not included with valves. Order separately.

Low pressure

Integrated

1/4-28 Internal

1/16" 0.75 mm

CE



4 Port

Prod No



6 Port

Prod No



8 Port

Prod No



10 Port

Prod No

With motor, sensor, & controller
 With motor and sensor only

C62-3184I
 C62-3184I-S

C62-3186I
 C62-3186I-S

C62-3188I
 C62-3188I-S

C62-3180I
 C62-3180I-S

NEW Integrated motor/valve, 1/4-28 fitting details for 1/8" tubing, 1.50 mm ports (.060")

Model C62

SPECS
 100 psi gas/ 250 psi liq
 75°C max
 PPS stator
 Valcon E2 rotor

Includes multicolored Cheminert flangeless fittings for 1/8" tubing.

Sample loops are not included with valves. Order separately.

Low pressure

Integrated

1/4-28 Internal.

1/8" 1.50 mm

CE

4 Port

Prod No

6 Port

Prod No

8 Port

Prod No

10 Port

Prod No

With motor, sensor, & controller
 With motor and sensor only

C62-6184I
 C62-6184I-S

C62-6186I
 C62-6186I-S

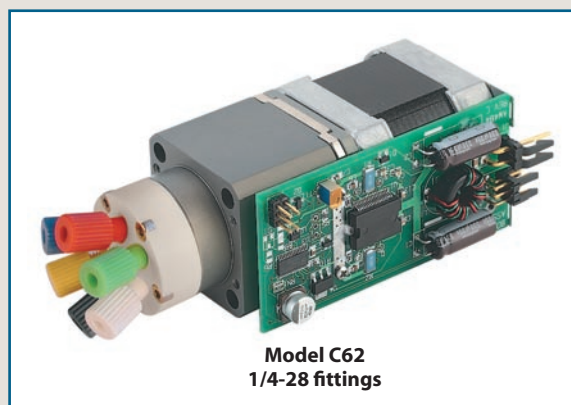
C62-6188I
 C62-6188I-S

C62-6180I
 C62-6180I-S

Sample loops

for Model C62

Loops include flangeless fittings with natural color nuts. Loops less than 500 µl are made from 1/16" OD tubing; loops 500 µl or greater are made from 1/8" OD tubing.



Model C62
 1/4-28 fittings

	FEP	PTFE	PEEK
Volume	Prod No	Prod No	Prod No
20 µl	CFSL20FEP	CFSL20TF	CFSL20PK
50 µl	CFSL50FEP	CFSL50TF	CFSL50PK
100 µl	CFSL100FEP	CFSL100TF	CFSL100PK
250 µl	CFSL250FEP	CFSL250TF	CFSL250PK
500 µl	CFSL500FEP	CFSL500TF	CFSL500PK
1 ml	CFSL1KFEP	CFSL1KTF	CFSL1KPK
2 ml	CFSL2KFEP	CFSL2KTF	CFSL2KPK