

Microbore UHPLC

NEW 15,000 psi UHPLC microbore valves, 1/16" Valco fittings, 0.25 mm ports (.010")

Model C72X

15,000 psi
Microbore
1/16" 0.25 mm

Includes stainless steel 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 5 µl stainless steel sample loop.

SPECS
15,000 psi liq
50°C max
Stainless stator with inert coating
Valcon E3 rotor

OPTIONS
0.15 mm ports (.006")



4 Port



6 Port*



8 Port



10 Port

	Prod No	Price	Prod No	Price	Prod No	Price	Prod No	Price
Manual	C72X-1694		C72X-1696		C72X-1698		C72X-1690	
With pneumatic actuator	C72X-1694A		C72X-1696A		C72X-1698A		C72X-1690A	
With standard electric actuator	C72X-1694E		C72X-1696E		C72X-1698E		C72X-1690E	
With microelectric actuator	C72X-1694EH		C72X-1696EH		C72X-1698ED		C72X-1690ED	
Replacement valve	C72X-1694D		C72X-1696D		C72X-1698D		C72X-1690D	
Replacement rotor	C72-16R4		C72-16R6		C72-16R8		C72-16R0	
Replacement stator	C72-1C94		C72-1C96		C72-1C98		C72-1C90	

NEW 10,000 psi UHPLC microbore valves, 1/16" Valco fittings, 0.25 mm ports (.010")

Model C72H

10,000 psi
Microbore
1/16" 0.25 mm

Includes stainless steel 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 5 µl stainless steel sample loop.

SPECS
10,000 psi liq
50°C max
Stainless stator with inert coating
Valcon E3 rotor

OPTIONS
0.15 mm ports (.006")



4 Port



6 Port*



8 Port



10 Port

	Prod No	Price	Prod No	Price	Prod No	Price	Prod No	Price
Manual	C72H-1694		C72H-1696		C72H-1698		C72H-1690	
With pneumatic actuator	C72H-1694A		C72H-1696A		C72H-1698A		C72H-1690A	
With standard electric actuator	C72H-1694E		C72H-1696E		C72H-1698E		C72H-1690E	
With microelectric actuator	C72H-1694EH		C72H-1696EH		C72H-1698ED		C72H-1690ED	
Replacement valve	C72H-1694D		C72H-1696D		C72H-1698D		C72H-1690D	
Replacement rotor	C72-16R4		C72-16R6		C72-16R8		C72-16R0	
Replacement stator	C72-1C94		C72-1C96		C72-1C98		C72-1C90	

Stainless steel sample loops

for C72X and C72H valves

Each loop includes two stainless steel nuts and ferrules.

Metal loops > 2 ml are made from 1/8" OD tubing with brazed or welded 1/16" tube ends or reducing unions.

Volume	Prod No	Price	Volume	Prod No	Price	Volume	Prod No	Price
2 µl	CSL2		50 µl	CSL50		1 ml	CSL1K	
5 µl	CSL5		100 µl	CSL100		2 ml	CSL2K	
10 µl	CSL10		250 µl	CSL250		5 ml	CSL5K	
20 µl	CSL20		500 µl	CSL500		10 ml	CSL10K	



Model C72H
(C72X similar)
1/16" ZDV fittings

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

NEW 15,000 psi UHPLC microbore internal sample injectors, 1/16" Valco fittings, 0.25 mm ports (.010")

Model C74X

SPECS
15,000 psi liq
50°C max
Stainless stator
with inert coating
Valcon E3 rotor

Includes stainless steel
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.



15,000 psi

Microbore

Internal sample

1/16" 0.25 mm

OPTIONS

0.15 mm ports (.006")

	10 nanoliters		20 nanoliters		50 nanoliters	
	Prod No	Price	Prod No	Price	Prod No	Price
Manual	C74X-1694-.01		C74X-1694-.02		C74X-1694-.05	
With pneumatic actuator	C74X-1694-.01A		C74X-1694-.02A		C74X-1694-.05A	
With standard electric actuator	C74X-1694-.01E		C74X-1694-.02E		C74X-1694-.05E	
With microelectric actuator	C74X-1694-.01EH		C74X-1694-.02EH		C74X-1694-.05EH	
Replacement valve	C74X-1694-.01D		C74X-1694-.02D		C74X-1694-.05D	
Replacement rotor	C74-16R-.01		C74-16R-.02		C74-16R-.05	
Replacement stator	C74-1C9		C74-1C9		C74-1C9	

NEW 10,000 psi UHPLC microbore internal sample injectors, 1/16" Valco fittings, 0.25 mm ports (.010")

Model C74H

SPECS
10,000 psi liq
50°C max
Stainless stator
with inert coating
Valcon E3 rotor

Includes stainless steel
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.



10,000 psi

Microbore

Internal sample

1/16" 0.25 mm

OPTIONS

0.15 mm ports (.006")

	10 nanoliters		20 nanoliters		50 nanoliters	
	Prod No	Price	Prod No	Price	Prod No	Price
Manual	C74H-1694-.01		C74H-1694-.02		C74H-1694-.05	
With pneumatic actuator	C74H-1694-.01A		C74H-1694-.02A		C74H-1694-.05A	
With standard electric actuator	C74H-1694-.01E		C74H-1694-.02E		C74H-1694-.05E	
With microelectric actuator	C74H-1694-.01EH		C74H-1694-.02EH		C74H-1694-.05EH	
Replacement valve	C74H-1694-.01D		C74H-1694-.02D		C74H-1694-.05D	
Replacement rotor	C74-16R-.01		C74-16R-.02		C74-16R-.05	
Replacement stator	C74-1C9		C74-1C9		C74-1C9	

MORE INFORMATION

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Model C74H
(C74X similar)
1/16" ZDV fittings

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

Microbore HPLC

Microbore valves, 1/16" Valco fittings, 0.25 mm ports (.010")

Model C2

5,000 psi

Microbore

1/16" 0.25 mm

Includes stainless steel nuts and ferrules of the stator material. Valves with PEEK 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 5 µl loop of the stator material.

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

5000 psi liq
50°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

Manual	C2-1004	C2-1006	C2H-1008	C2H-1000
With pneumatic actuator	C2-1004A	C2-1006A	C2H-1008A	C2H-1000A
With standard electric actuator	C2-1004E	C2-1006E	C2H-1008E	C2H-1000E
With microelectric actuator	C2-1004EH	C2-1006EH	C2H-1008EH	C2H-1000EH
Replacement valve	C2-1004D	C2-1006D	C2H-1008D	C2H-1000D
Replacement rotor	C2-10R4	C2-10R6	C2-10R8H	C2-10R0H
Replacement stator	C-1C04	C-1C06	C-1C08H	C-1C00H

PAEK stator

Manual	C2-1344	C2-1346	C2H-1348	C2H-1340
With pneumatic actuator	C2-1344A	C2-1346A	C2H-1348A	C2H-1340A
With standard electric actuator	C2-1344E	C2-1346E	C2H-1348E	C2H-1340E
With microelectric actuator	C2-1344EH	C2-1346EH	C2H-1348EH	C2H-1340EH
Replacement valve	C2-1344D	C2-1346D	C2H-1348D	C2H-1340D
Replacement rotor	C2-13R4	C2-13R6	C2-13R8H	C2-13R0H
Replacement stator	C-1C44	C-1C46	C-1C48H	C-1C40H

Titanium stator

Manual	C2-1034	C2-1036	C2H-1038	C2H-1030
With pneumatic actuator	C2-1034A	C2-1036A	C2H-1038A	C2H-1030A
With standard electric actuator	C2-1034E	C2-1036E	C2H-1038E	C2H-1030E
With microelectric actuator	C2-1034EH	C2-1036EH	C2H-1038EH	C2H-1030EH
Replacement valve	C2-1034D	C2-1036D	C2H-1038D	C2H-1030D
Replacement rotor	C2-10R4	C2-10R6	C2-10R8H	C2-10R0H
Replacement stator	C-1C34	C-1C36	C-1C38H	C-1C30H

OPTIONS

- Continuous flow version is available as Model C6. See page 160.
- Hastelloy C stators
- Loop fill port assembly for injection from front of the valve. See page 41.
- 0.15 mm (0.006") bore



Order loops from page 159.



Model C2
1/16" ZDV fittings

MORE INFORMATION

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**Microbore nanoliter sample injector,
1/16" Valco fittings, 0.15 mm ports (.006")**

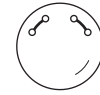
Model C4

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.



- 5,000 psi
- Microbore
- Internal sample
- 1/16" 0.15 mm

OPTIONS

- 100, 200, and 500 nl sample volumes are also available in 0.25 mm bore. See page 162.
- Loop fill port assembly for injection from front of the valve. See page 41.
- 0.25 mm (0.010") bore

Sample volume

	10 nanoliters		20 nanoliters		50 nanoliters	
	Prod No	Price	Prod No	Price	Prod No	Price
N60 stainless stator						
Manual	C4-0004-.01		C4-0004-.02		C4-0004-.05	
With pneumatic actuator	C4-0004-.01A		C4-0004-.02A		C4-0004-.05A	
With standard electric actuator	C4-0004-.01E		C4-0004-.02E		C4-0004-.05E	
With microelectric actuator	C4-0004-.01EH		C4-0004-.02EH		C4-0004-.05EH	
Replacement valve	C4-0004-.01D		C4-0004-.02D		C4-0004-.05D	
Replacement rotor	C4-00R-.01		C4-00R-.02		C4-00R-.05	
Replacement stator	C4-0C0		C4-0C0		C4-0C0	
PAEK stator						
Manual	C4-0344-.01		C4-0344-.02		C4-0344-.05	
With pneumatic actuator	C4-0344-.01A		C4-0344-.02A		C4-0344-.05A	
With standard electric actuator	C4-0344-.01E		C4-0344-.02E		C4-0344-.05E	
With microelectric actuator	C4-0344-.01EH		C4-0344-.02EH		C4-0344-.05EH	
Replacement valve	C4-0344-.01D		C4-0344-.02D		C4-0344-.05D	
Replacement rotor	C4-03R-.01		C4-03R-.02		C4-03R-.05	
Replacement stator	C4-0C4		C4-0C4		C4-0C4	



Sample loops for C1, C2, C2V, C3, and C6 valves

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)		Titanium	
	Prod No	Price	Prod No	Price	Prod No	Price
2 µl	CSL2		CZSL2PK		-	
5 µl	CSL5		CZSL5PK		-	
10 µl	CSL10		CZSL10PK		CSL10TI	
20 µl	CSL20		CZSL20PK		CSL20TI	
50 µl	CSL50		CZSL50PK		CSL50TI	
100 µl	CSL100		CZSL100PK		CSL100TI	
250 µl	CSL250		CZSL250PK		CSL250TI	
500 µl	CSL500		CZSL500PK		CSL500TI	
1 ml	CSL1K		CZSL1KPK		CSL1KTI	
2 ml	CSL2K		CZSL2KPK		-	
5 ml	CSL5K		CZSL5KPK		-	
10 ml	CSL10K		-		-	



Model C4
1/16" ZDV fittings

ABOUT LOOPS

- Other materials are 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.

Microbore HPLC

Microbore through-the-handle injector, 1/16" Valco fittings, 0.25 mm ports (.010")

Model C1

- 5,000 psi
- Microbore
- Through-the-handle
- 1/16" 0.25 mm



Available only in manual version. Position feedback included.

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

Includes one 5 µl loop of the stator material.

SPECS

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

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



Model C1 and C1CF
1/16" ZDV fittings

6 port injector
Replacement rotor
Replacement stator

N60 stainless stator

Prod No	Price
C1-1006	
C1-10R6	
C-1C06	

PAEK stator

Prod No	Price
C1-1346	
C1-13R6	
C-1C46	

Prod No Price

C-261



Replacement injector fitting

OPTIONS

- Titanium and Hastelloy stators available.
- 0.40 mm bore (.016") on page 163.

Microbore continuous flow through-the-handle injector, 1/16" Valco fittings, 0.25 mm ports (.010")

Model C1CF

- 5,000 psi
- Microbore
- Continuous flow
- Through-the-handle
- 1/16" 0.25 mm



Available only in manual version. Position feedback included.

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

Includes one 5 µl loop of the stator material.

SPECS

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

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

N60 stainless stator

Prod No	Price
C1CF-1006	
C1-10R6	
C6-1C06	

PAEK stator

Prod No	Price
C1CF-1346	
C1-13R6	
C6-1C46	

Prod No Price

C-261



Replacement injector fitting

OPTIONS

- 0.40 mm bore (.016") on page 163.

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

Model C6

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

Includes stainless steel nuts and ferrules.

* Includes a 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.

N60 stainless stator

Prod No	Price
C6-1006	
C6-1006A	

PAEK stator

Prod No	Price
C6-1346	
C6-1346A	

Prod No Price

C6-1006E	
C6-1006EH	
C6-1006D	
C2-10R6	
C6-1C06	

Prod No Price

C6-1346E	
C6-1346EH	
C6-1346D	
C2-13R6	
C6-1C46	

SPECS

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

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

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.

