

Capillary GC



Sampling and switching valves, 1/32" fittings, 0.25 mm ports (.010")

Med temp
1/32" 0.25 mm

Includes 4" standoff.
 Manual version not available without standoff.

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

Sample loops are not included with valves. Order separately.

SPECS
400 psi gas
225°C max
 Nitronic 60 valve body
 Valcon E rotor

For 300 psi, 350°C max, see facing page.



4 Ports

Prod No Price



6 Ports

Prod No Price



8 Ports

Prod No Price



10 Ports

Prod No Price

Manual with standoff
 With air actuator

4N4WE
 A4N4WE

4N6WE
 A4N6WE

4N8WE
 A4N8WE

4N10WE
 A4N10WE

With standard electric actuator
 With microelectric actuator

E4N4WE
 EH4N4WE

E4N6WE
 EH4N6WE

E4N8WE
 EH4N8WE

E4N10WE
 EH4N10WE

Replacement valve
 Replacement rotor

DN4WE
 SSAN4WE

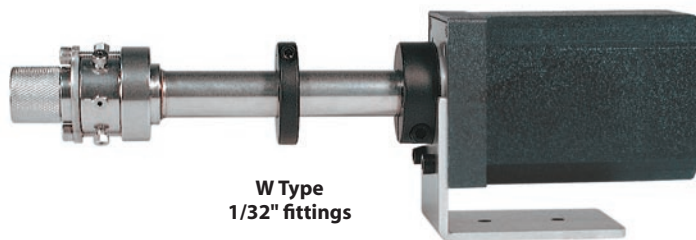
DN6WE
 SSAN6WE

DN8WE
 SSAN8WE

DN10WE
 SSAN10WE

OPTIONS

- 3 and 12 port valves available
- 2", 3", and 6" standoffs
- Materials: Hastelloy C, Inconel 600, Monel 400, Nickel 200, Nitronic 50, Titanium, Zirconium (see pages 254-255)



W Type
1/32" fittings

1/32" Stainless steel loops for W Type valves

Each stainless steel loop includes two stainless nuts and two stainless ferrules. Order special fittings separately.



Volume	Prod No	Price	Volume	Prod No	Price
2 µl	SL2NW		25 µl	SL25NW	
5 µl	SL5NW		50 µl	SL50NW	
10 µl	SL10NW		100 µl	SL100NW	
15 µl	SL15NW		250 µl	SL250NW	
20 µl	SL20NW		500 µl	SL500NW	

MORE INFORMATION

- Actuators
- Air page 195
 - Manual 204
 - Microelectric .. 188-189
 - Standard elec. 193
- Materials
- Metals 254-255
 - Polymers 256
 - Valve rotors 257
- Standoff assemblies 205

ABOUT LOOPS

- Other materials available in many sizes: Electroformed Nickel, Nickel 200, PEEK, and PTFE



2009 #60

switching valves, 1/32" fittings, 0.25 mm ports (.010")

W Type

SPECS
psi gas
°C max
ve body

Valcon T rotor

For 400 psi, 225°C max, see facing page

Includes 4" standoff.
Manual version not available without standoff.

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

Sample loops are not included with valves. Order separately.

High temp

1/32" 0.25 mm

OPTIONS

- 3 and 12 port valves available
- 2", 3", and 6" standoffs
- Materials: Hastelloy C, Inconel 600, Monel 400, Nickel 200, Nitronic 50, Titanium, Zirconium (see pages 254-255)



4 Ports

Prod No Price



6 Ports

Prod No Price



8 Ports

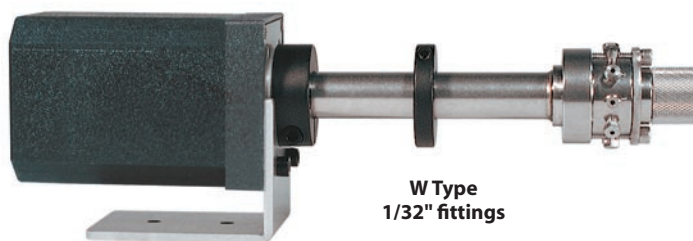
Prod No Price



10 Ports

Prod No Price

Manual with standoff	4N4WT	\$725	4N6WT	\$780	4N8WT	\$835	4N10WT	\$835
With air actuator	A4N4WT	885	A4N6WT	940	A4N8WT	995	A4N10WT	995
With standard electric actuator	E4N4WT	1205	E4N6WT	1260	E4N8WT	1315	E4N10WT	1315
With microelectric actuator	EH4N4WT	1375	EH4N6WT	1430	EH4N8WT	1485	EH4N10WT	1485
Replacement valve	DN4WT	635	DN6WT	690	DN8WT	745	DN10WT	745
Replacement rotor	SSAN4WT	75	SSAN6WT	75	SSAN8WT	75	SSAN10WT	75



W Type
1/32" fittings

1/32" Stainless steel loops

for W Type valves

Each stainless steel loop includes two stainless nuts and two stainless ferrules. Order special fittings separately.



Volume	Prod No	Price	Volume	Prod No	Price
2 µl	SL2NW	\$25.00	25 µl	SL25NW	\$25.00
5 µl	SL5NW	25.00	50 µl	SL50NW	27.50
10 µl	SL10NW	25.00	100 µl	SL100NW	27.50
15 µl	SL15NW	25.00	250 µl	SL250NW	31.25
20 µl	SL20NW	25.00	500 µl	SL500NW	37.50

ABOUT LOOPS

- Other materials available in many sizes: Electroformed Nickel, Nickel 200, PEEK, and PTFE



Sampling and switching valves, 1/16" fittings, 0.40 mm (.016")

Med temp
1/16" 0.40 mm

Includes 4" standoff
Manual version has no
standoff

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

Sample loops are not
included with valves.
Order separately.

SPECS
400 psi gas
225°C max
Nitronic 60 valve body
Valcon E rotor

For 300 psi, 350°C max,
see page 108.



4 Ports

Prod No Price



6 Ports

Prod No Price



8 Ports

Prod No Price



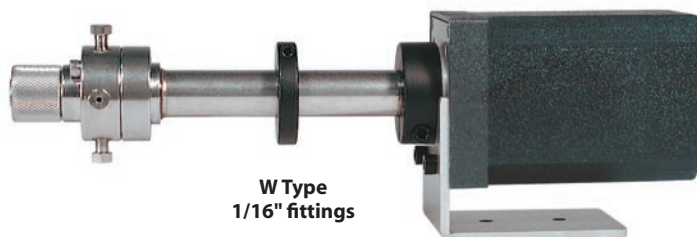
10 Ports

Prod No Price

Manual	C4WE	C6WE	C8WE	C10WE
Manual with standoff	4C4WE	4C6WE	4C8WE	4C10WE
With air actuator	A4C4WE	A4C6WE	A4C8WE	A4C10WE
With standard electric actuator	E4C4WE	E4C6WE	E4C8WE	E4C10WE
With microelectric actuator	EH4C4WE	EH4C6WE	EH4C8WE	EH4C10WE
Replacement valve	DC4WE	DC6WE	DC8WE	DC10WE
Replacement rotor	SSAC4WE	SSAC6WE	SSAC8WE	SSAC10WE

OPTIONS

- 3 and 12 port valves available
- 2", 3", and 6" standoffs
- Materials: Hastelloy C, Inconel 600, Monel 400, Nickel 200, Nitronic 50, Titanium, Zirconium (see pages 254-255)



W Type
1/16" fittings

1/16" Stainless steel loops *for W Type valves*

Each stainless steel loop includes two stainless nuts and two stainless ferrules. Order special fittings separately.



Volume	Prod No	Price	Volume	Prod No	Price
2 µl	SL2CW		100 µl	SL100CW	
5 µl	SL5CW		250 µl	SL250CW	
10 µl	SL10CW		500 µl	SL500CW	
15 µl	SL15CW		1 ml	SL1KCW	
20 µl	SL20CW		2 ml	SL2KCW	
25 µl	SL25CW		5 ml	SL5KCW	
50 µl	SL50CW		10 ml	SL10KCW	

MORE INFORMATION

Actuators

- Air page 195
- Manual 204
- Microelectric .. 188-189
- Standard elec. 193

Materials

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

Standoff assemblies 205

ABOUT LOOPS

- Other materials available in many sizes: Electroformed Nickel, Hastelloy C, Nickel 200, PEEK, PTFE, and Titanium
- Loops > 2 ml are made from 1/8" OD tubing with brazed or welded 1/16" tube ends or reducing unions.



2009 #60

UW switching valves, 1/16" fittings, 0.75 mm ports (.030")

UW Type

SPECS

300 psi gas
5°C max
Stainless steel body
Valcon E rotor

For 300 psi, 330°C max, see page 109.

Includes 4" standoff.
Manual version has no
standoff.

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

Sample loops are not
included with valves.
Order separately.

Med temp
1/16" **0.75 mm**

OPTIONS

- 3, 12 and 14 port valves available
- 2", 3", and 6" standoffs
- Materials: Hastelloy C, Inconel 600, Monel 400, Nickel 200, Nitronic 50, Titanium, Zirconium (see pages 254-255)
- Larger bore available



4 Ports

Prod No Price



6 Ports

Prod No Price



8 Ports

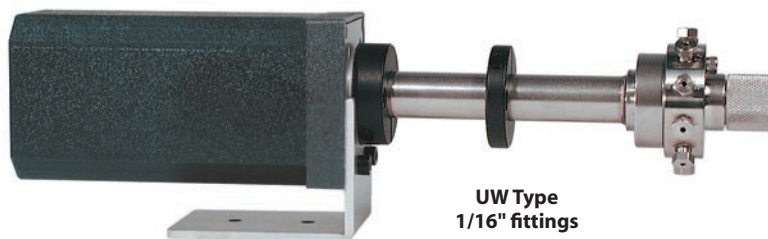
Prod No Price



10 Ports

Prod No Price

Manual	C4UWE	C6UWE	\$570	C8UWE	C10UWE
Manual with standoff	4C4UWE	4C6UWE	615	4C8UWE	4C10UWE
With air actuator	A4C4UWE	A4C6UWE	775	A4C8UWE	A4C10UWE
With standard electric actuator	E4C4UWE	E4C6UWE	1095	E4C8UWE	E4C10UWE
With microelectric actuator	ED4C4UWE	ED4C6UWE	1325	ED4C8UWE	ED4C10UWE
Replacement valve	DC4UWE	DC6UWE	525	DC8UWE	DC10UWE
Replacement rotor	SSAC4UWE	SSAC6UWE	75	SSAC8UWE	SSAC10UWE



UW Type
1/16" fittings

1/16" Stainless steel loops

for UW Type valves

Each stainless steel loop includes two stainless nuts and two stainless ferrules. Order special fittings separately.



Volume	Prod No	Price	Volume	Prod No	Price
5 µl	SL5CUW		100 µl	SL100CUW	
10 µl	SL10CUW		250 µl	SL250CUW	
15 µl	SL15CUW		500 µl	SL500CUW	
20 µl	SL20CUW		1 ml	SL1KCUW	
25 µl	SL25CUW		2 ml	SL2KCUW	
50 µl	SL50CUW		5 ml	SL5KCUW	
			10 ml	SL10KCUW	

ABOUT LOOPS

- Other materials available in many sizes: Electroformed Nickel, Hastelloy C, Nickel 200, PEEK, PTFE, and Titanium
- Loops > 2 ml are made from 1/8" OD tubing with brazed or welded 1/16" tube ends or reducing unions.

High Temperature GC



Sampling and switching valves, 1/16" fittings, 0.40 mm ports (.016")

High temp
1/16" 0.40 mm

Includes 4" standoff

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

Sample loops are not included with valves. Order separately.

SPECS

300 psi gas
350°C max
Nitronic 60 valve body
Valcon T rotor

For 400 psi, 225°C max, see page 106.



4 Ports



6 Ports



8 Ports

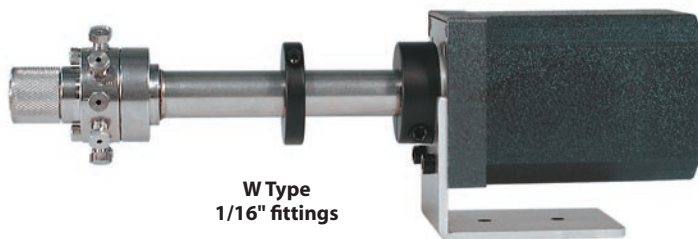


10 Ports

	4 Ports		6 Ports		8 Ports		10 Ports	
	Prod No	Price	Prod No	Price	Prod No	Price	Prod No	Price
Manual with standoff	4C4WT		4C6WT		4C8WT		4C10WT	
With air actuator	A4C4WT		A4C6WT		A4C8WT		A4C10WT	
With standard electric actuator	E4C4WT		E4C6WT		E4C8WT		E4C10WT	
With microelectric actuator	EH4C4WT		EH4C6WT		EH4C8WT		EH4C10WT	
Replacement valve	DC4WT		DC6WT		DC8WT		DC10WT	
Replacement rotor	SSAC4WT		SSAC6WT		SSAC8WT		SSAC10WT	

OPTIONS

- 3 and 12 port valves available
UW type: 3, 12, and 14 port valves available
- 2", 3", and 6" standoffs
- Materials: Hastelloy C, Inconel 600, Monel 400, Nickel 200, Nitronic 50, Titanium, Zirconium (see pages 254-255)



W Type
1/16" fittings

1/16" Stainless steel loops for W Type valves

Each stainless steel loop includes two stainless nuts and two stainless ferrules. Order special fittings separately.



Volume	Prod No	Price	Volume	Prod No	Price
2 µl	SL2CW		100 µl	SL100CW	
5 µl	SL5CW		250 µl	SL250CW	
10 µl	SL10CW		500 µl	SL500CW	
15 µl	SL15CW		1 ml	SL1KCW	
20 µl	SL20CW		2 ml	SL2KCW	
25 µl	SL25CW		5 ml	SL5KCW	
50 µl	SL50CW		10 ml	SL10KCW	

MORE INFORMATION

- Actuators
- Air page 195
 - Manual 204
 - Microelectric .. 188-189
 - Standard elec. 193
- Materials
- Metals. 254-255
 - Polymers 256
 - Valve rotors. 257
- Standoff assemblies 205

ABOUT LOOPS

- Other materials available in many sizes: Electroformed Nickel, Hastelloy C, Nickel 200, PEEK, PTFE, and Titanium
- Loops > 2 ml are made from 1/8" OD tubing with brazed or welded 1/16" tube ends or reducing unions.



2009 #60

Switching valves, 1/16" fittings, 0.75 mm ports (.030")

UW Type

SPECS

400 psi gas
225°C max
Stainless steel valve body
Valcon T rotor

For 400 psi, 225°C max, see page 107.

Includes 4" standoff

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

Sample loops are not included with valves. Order separately.

High temp

1/16" 0.75 mm

OPTIONS

- 3, 12 and 14 port valves available
- 2", 3", and 6" standoffs
- Materials: Hastelloy C, Inconel 600, Monel 400, Nickel 200, Nitronic 50, Titanium, Zirconium (see pages 254-255)
- Larger bore available



4 Ports

Prod No Price



6 Ports

Prod No Price



8 Ports

Prod No Price



10 Ports

Prod No Price

Manual with standoff
With air actuator

4C4UWT
A4C4UWT

4C6UWT
A4C6UWT

4C8UWT
A4C8UWT

4C10UWT \$670
A4C10UWT

With standard electric actuator
With microelectric actuator

E4C4UWT
ED4C4UWT

E4C6UWT
ED4C6UWT

E4C8UWT
ED4C8UWT

E4C10UWT
ED4C10UWT

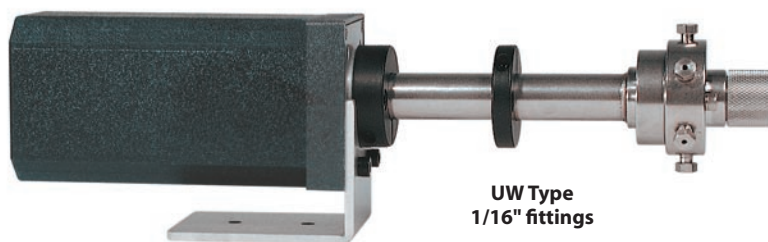
Replacement valve
Replacement rotor

DC4UWT
SSAC4UWT

DC6UWT
SSAC6UWT

DC8UWT
SSAC8UWT

DC10UWT
SSAC10UWT



UW Type
1/16" fittings

1/16" Stainless steel loops

for UW Type valves

Each stainless steel loop includes two stainless nuts and two stainless ferrules. Order special fittings separately.



Volume	Prod No	Price	Volume	Prod No	Price
5 µl	SL5CUW		100 µl	SL100CUW	
10 µl	SL10CUW		250 µl	SL250CUW	
15 µl	SL15CUW		500 µl	SL500CUW	
20 µl	SL20CUW		1 ml	SL1KCUW	
25 µl	SL25CUW		2 ml	SL2KCUW	
50 µl	SL50CUW		5 ml	SL5KCUW	
			10 ml	SL10KCUW	

ABOUT LOOPS

- Other materials available in many sizes: Electroformed Nickel, Hastelloy C, Nickel 200, PEEK, PTFE, and Titanium
- Loops > 2 ml are made from 1/8" OD tubing with brazed or welded 1/16" tube ends or reducing unions.



2009 #60

Sampling and switching valves, 1/8" fittings, 0.75 mm ports (.030")

Med temp
1/8" 0.75 mm

Includes 4" standoff.
Manual version has no
standoff.

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

Sample loops are not
included with valves.
Order separately (see
facing page).

SPECS
400 psi gas
225°C max
Nitronic 60 valve body
Valcon E rotor
For 300 psi, 330°C max,
see facing page.



4 Ports

Prod No Price



6 Ports

Prod No Price



8 Ports

Prod No Price



10 Ports

Prod No Price

Manual	4UWE	6UWE	8UWE	n/a
Manual with standoff	44UWE	46UWE	48UWE	410UWE
With air actuator	A44UWE	A46UWE	A48UWE	A410UWE
With standard electric actuator	E44UWE	E46UWE	E48UWE	E410UWE
With microelectric actuator	ED44UWE	ED46UWE	ED48UWE	ED410UWE
Replacement valve	D4UWE	D6UWE	D8UWE	D10UWE
Replacement rotor	SSA4UWE	SSA6UWE	SSA8UWE	SSA10UWE

OPTIONS

- 3, 12, and 14 port valves available
- 2", 3", and 6" standoffs
- Materials: Hastelloy C, Inconel 600, Monel 400, Nickel 200, Nitronic 50, Titanium, Zirconium (see pages 254-255)
- Larger bore available

Sampling and switching valves, 1/4" fittings, 4.0 mm ports (.156")

MW Type

Low temp
1/4" 4.0 mm

Includes 4" standoff.
Manual version not
available without
standoff.

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

Sample loops are not
available.

SPECS
100 psi gas
75°C max
Nitronic 60 valve body
Valcon E2 rotor



4 Ports

Prod No Price



6 Ports

Prod No Price



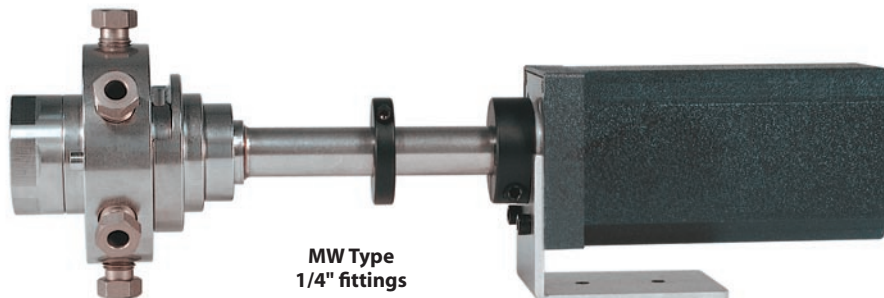
8 Ports

Prod No Price

Manual with standoff	4VL4MWE2	4VL6MWE2	4VL8MWE2
With air actuator	A4VL4MWE2	A4VL6MWE2	A4VL8MWE2
With std electric actuator	E4VL4MWE2	E4VL6MWE2	E4VL8MWE2
With microelectric actuator	ET4VL4MWE2	ET4VL6MWE2	ET4VL8MWE2
Replacement valve	DVL4MWE2	DVL6MWE2	DVL8MWE2
Replacement rotor	SSAVL4MWE2	SSAVL6MWE2	SSAVL8MWE2

OPTIONS

- 2", 3", and 6" standoffs
- Materials: Hastelloy C, Inconel 600, Monel 400, Nickel 200, Nitronic 50, Titanium, Zirconium (see pages 254-255)



MW Type
1/4" fittings

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



2009 #60

switching valves, 1/8" fittings, 0.75 mm ports (.030")

UW Type

SPECS
psi gas
°C max
e body

Valcon T rotor

For 400 psi, 225°C max, see facing page.

Includes 4" standoff.
Manual version not available without standoff.

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

Sample loops are not included with valves. Order separately.

High temp

1/8"

0.75 mm

OPTIONS

- 3, 12, and 14 port valves available
- 2", 3", and 6" standoffs
- Materials: Hastelloy C, Inconel 600, Monel 400, Nickel 200, Nitronic 50, Titanium, Zirconium (see pages 254-255)
- Larger bore available



4 Ports

Prod No Price



6 Ports

Prod No Price



8 Ports

Prod No Price



10 Ports

Prod No Price

Manual with standoff
With air actuator

44UWT
A44UWT

46UWT
A46UWT

48UWT
A48UWT

410UWT
A410UWT

With standard electric actuator
With microelectric actuator

E44UWT
ED44UWT

E46UWT
ED46UWT

E48UWT
ED48UWT

E410UWT
ED410UWT

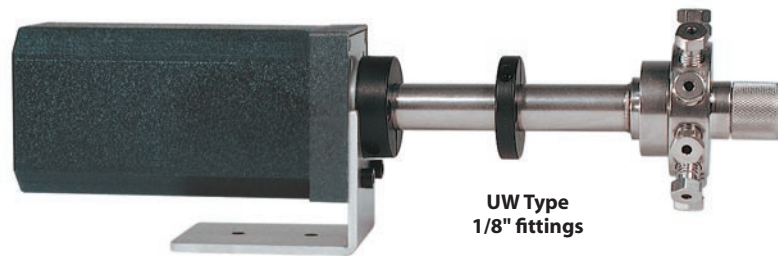
Replacement valve
Replacement rotor

D4UWT
SSA4UWT

D6UWT
SSA6UWT

D8UWT
SSA8UWT

D10UWT
SSA10UWT



UW Type
1/8" fittings

MORE INFORMATION

- Actuators
Air page 195
Manual 204
Microelectric .. 188-189
Standard elec. 193
- Materials
Metals 254-255
Polymers 256
Valve rotors 257
- Standoff assemblies 205

ABOUT LOOPS

- Other materials available in many sizes: Electroformed Nickel, Hastelloy C, Nickel 200, PEEK, PTFE, and Titanium
- Loops <100 µl are made from 1/16" OD tubing with brazed or welded 1/8" tube ends.



1/8" Stainless steel loops

for UW Type valves

Each stainless steel loop includes two stainless nuts and two stainless ferrules. Order special fittings separately.

Volume	Prod No	Price	Volume	Prod No	Price
10 µl	SL10UW		250 µl	SL250UW	
15 µl	SL15UW		500 µl	SL500UW	
20 µl	SL20UW		1 ml	SL1KUW	
25 µl	SL25UW		2 ml	SL2KUW	
50 µl	SL50UW		5 ml	SL5KUW	
100 µl	SL100UW		10 ml	SL10KUW	
			20 ml	SL20KUW	