

Cheminert® Sample Loops for Cheminert Valves

Sample loops for C1, C2, C2V, C3, C6, C52, and C72 valves. Each metal loop includes two 1/16" stainless ferrules. Each PEEK loop includes two PEEK nuts and two PEEK ferrules.

Materials

Standard materials are stainless steel, titanium, and PEEK. Other materials are available in many sizes. Electroformed Nickel, Hastelloy C, Nickel 200, and PTFE. Contact SIS for the optional materials.

Stainless Steel Sample Loops

For C1, C2, C2V, and C3 valves. Each loop includes two stainless steel nuts and ferrules

Part Number	Capacity	Price ea.
CSL2	2 µl	
CSL5	5 µl	
CSL10	10 µl	
CSL20	20 µl	
CSL50	50 µl	
CSL100	100 µl	
CSL250	250 µl	
CSL500	500 µl	
CSL1K	1 ml	
CSL2K	2 ml	
CSL5K	5 ml	
CSL10K	10 ml	

PEEK™ Loops

For C1, C2, C2V, and C3 valves. Each loop includes two PEEK nuts and ferrules. PEEK loops are for PEEK stators.

Part Number	Capacity	Price ea.
CZSL2PK	2 µl	
CZSL5PK	5 µl	
CZSL10PK	10 µl	
CZSL20PK	20 µl	
CZSL50PK	50 µl	
CZSL100PK	100 µl	
CZSL250PK	250 µl	
CZSL500PK	500 µl	
CZSL1KPK	1 ml	
CZSL2KPK	2 ml	
CZSL5KPK	5 ml	

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. Loops are electrolytically cut an electrochemically polished to insure square, burr-free ends, then cleaned with microfiltered steam from deionized water.

Valco sample loops are accurately sized for each valve type. The volume tolerance matches the ID tolerance of the tubing, which is typically ± 0.001" for Valco tubing. This results in a variance ranging from 205 with tubing of 0.005" diameter (0.001" us 20% of 0.005") to 2.5% for loops made from tubing 0.040" in diameter.

Materials

Standard material is stainless steel. Other materials are available in many sizes: Electroformed Nickel, Hastelloy C, Nickel 200, PEEK, PTFE, and Titanium. Contact SIS for the optional materials.

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

Part Number	Capacity	Price ea.
SL2CW	2 µl	
SL5CW	5 µl	
SL10CW	10 µl	
SL15CW	15 µl	
SL20CW	20 µl	
SL25CW	25 µl	
SL50CW	50 µl	
SL100CW	100 µl	
SL250CW	250 µl	
SL500CW	500 µl	
SL1KCW	1 ml	
SL2KCW	2 ml	
SL5KCW	5 ml	
SL10KCW	10 ml	

SIS HPLC Backpressure Regulators

Use these adjustable regulators to improve baseline stability by preventing bubble formation as dissolved gasses expand post-column. Install on detector drain line or on waste line in split-flow systems. Since only Kalrez and PEEK come in contact with the fluid path, these regulators can be used in-line between detectors or before a fraction collector.

Part Number	Pressure Description	Pressure range (bar)	range(psi)	Price ea
E1010	Backpressure	0-7	0-100	
E1011	regulators with two	7-20	100-300	
E1014	PEEK Fingertight	20-40	300-600	
E1013	fittings (P/N E351)	40-105	600-1500	

