

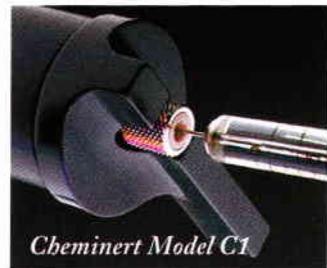
Liquid Syringes

Syringes for Valco, Cheminert®, and Rheodyne® Valves

Fixed needle: 22 gauge x 2", blunt tip, open end

Removable needle: 22 gauge x 2", blunt tip, open end

Syringes used to fill a loop on a sample injection valve have blunt smooth ends. The end of the needle must contact the bottom of the valve's fitting detail uniformly and seal on the outside of the tip to deliver sample with any repeatability. All Precision Sampling syringes for valve injections have smooth, burr-free ends that fit the valve fitting details perfectly. The standard HPLC syringe is our basic C-160 (described on page 14) with a 2" long 22 gauge needle.



CheMinert Model C1

	5 µl	10 µl	25 µl	50 µl	100 µl
Fixed needle:	160021R	160022R	160023R	160024R	160025R
Removable needle:	160221R	160222R	160223R	160224R	160225R
Needles (pkg. of 3):	123050R	123050R	123050R	123050R	123050R

Partial Loop Injections

Any percentage of a valve sample loop may be injected with Valco's fill ports for their Valco and Cheminert valve lines. The unique design places a small bubble in front of the sample when the needle is inserted, allowing partial loop injections for virtually any percentage of the loop.

Rheodyne recommends for their injectors that either a full loop or no more than 50% of the loop volume be syringe-loaded.

Valve fitting size:	1/32"	1/16"	1/8"
Fill port for Valco valves:			
for ≥ .75" needle	-	VISF-1	-
for 2" needle VISF-AN VISF-2 VISF-A			
Fill port for Cheminert valves:			
for 2" needle		CVISF-1	

