

Rheodyne® Sample Loops



External loops are supplied with unattached fittings so the tube can be completely bottomed in the injector port before the ferrule is swaged on. This allows for different port depths. The depth of the tubing holes may vary slightly from port to port and from valve to valve. It is good practice to label loops so that they will be replaced in the same orientation and the same valve. PEEK loops do not require this precaution because the ferrule can slide and reposition itself along the tube when the fitting is reinserted into a port. Size designations are nominal. Sizes vary from nominal values usually less than 15%. Accuracy and precision in partial filling require that no more than half the loop volume be loaded. Precision in complete filling requires that at least two loop volumes be loaded.

PEEK Sample Loops

Unlike metals, plastics are viscoelastic and therefore the yield strengths are not well defined. Many factors may affect the burst pressure of PEEK tubing.

Stainless Steel and Titanium Sample Loops

Metal sample loops are supplied with unswaged fittings so they can be completely bottomed in the injector port before the ferrule is swaged on. Size designations of the metal loops are nominal. Actual volumes can differ due to the tolerances of the tubing. Precise volumes may be injected by the "partial-filling" method if you are using a dual-mode injector.

Note: Loops for the 7725 and 7125 injectors are NOT interchangeable.

Ordering Information		
Description	QTY	Part No.
PEEK Loops for 9725 and 9010 Injectors		
2µL	1	05AE-3011
5µL	1	05AE-3021
10µL	1	05AE-3031
20µL	1	05AE-3041
50µL	1	05AE-3051
100µL	1	05AE-3061
200µL	1	05AE-3071
500µL	1	05AE-3081
1mL	1	05AE-3091
2mL	1	05AE-3101
5mL	1	05AE-3111
10mL	1	05AE-3121
PEEK Loops for 3725 Injectors		
2mL	1	05AE-3131
5mL	1	05AE-3141
10mL	1	05AE-3151
20mL	1	05AE-3161
SS Loops for 7125 and 7010 Injectors		
5µL	1	05AE-3171
10µL	1	05AE-3181
20µL	1	05AE-3191
50µL	1	05AE-3201
100µL	1	05AE-3211
200µL	1	05AE-3221
500µL	1	05AE-3231
1mL	1	05AE-3241
2mL	1	05AE-3251
5mL	1	05AE-3261
SS Loops for 7725 and 7750 Injectors		
5µL	1	05AE-3271
10µL	1	05AE-3281
20µL	1	05AE-3291
50µL	1	05AE-3301
100µL	1	05AE-3311
200µL	1	05AE-3321
500µL	1	05AE-3331
1mL	1	05AE-3341
2mL	1	05AE-3351
5mL	1	05AE-3361
SS Loops for 8125 Injectors		
5µL	1	05AE-3371
10µL	1	05AE-3381
20µL	1	05AE-3391
50µL	1	05AE-3401
SS Loops for 3725-038 Injectors		
2mL	1	05AE-3411
5mL	1	05AE-3421
10mL	1	05AE-3431
20mL	1	05AE-3441