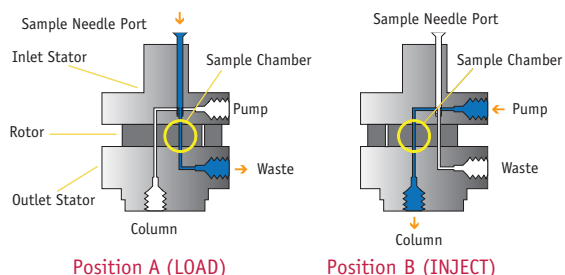


Rheodyne® Model 7520 Sample Chamber Micro-Scale Injector

- Designed for Narrow Bore (1-2mm) Columns
- 0.2µL to 1µL Interchangeable Sample Chamber
- 0.13mm (0.005") Flow Passages
- Built-in Needle Port with 0.2µL Hold up Volume
- Rated to 7,000psig



The Model 7520 uses a small hole drilled in a flat rotor as an internal sample chamber for precise sample injection. The rotor, which is sandwiched between two stators, is available in 0.2, 0.5, and 1µL volumes; 0.5µL is standard. The 7520 requires the complete-filling method of loading the internal sample chamber. Excess sample is required to completely flush mobile phase from the chamber.

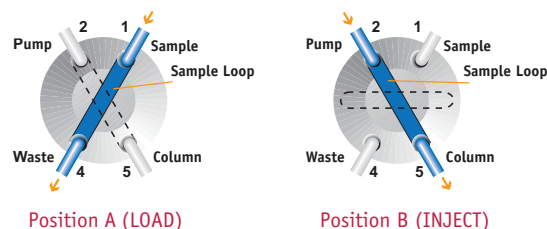
The schematic diagram shows the rotor in the LOAD position. The sample chamber is loaded by inserting a syringe needle into the built-in needle port. The space between the needle tip and rotor surface contains only 0.3µL so there is very little sample wastage. Rotating the handle to the INJECT position places the sample chamber into the mobile phase stream.

The outlet stator passage is 0.13mm (.005 inch) diameter. A column connecting tube of matching I.D. is supplied installed in the outlet port. The 1/16 inch O.D., 5cm long tube makes it easy to connect microbore columns of various designs.

Ordering Information		
Description	QTY	Part No.
Rheodyne® Model 7520		
Model 7520	1	05AE-1061
0.2µL Rotor	1	05AE-1071
0.5µL Rotor	1	05AE-1081
1.0µL Rotor	1	05AE-1091

Rheodyne® Model 7410 Low-Dispersion Micro-Scale Injector

- 0.5µL to 5µL Removable Internal Sample Loops
- Designed for 1-2mm ID Columns
- High Volumetric Precision
- Rated to 5,000psig



Model 7410 Sample Injection Valve is a single mode injector where by sample is loaded by the complete filling method using a loop filter port. Interchangeable internal loop discs of 0.5-1-, 2-, and 5µL are ideal for micro-LC work. This injector can be used with Rheodyne loop filler port accessories, position sensing switches, and mounting panels.

The valve has four ports which are threaded to accept Rheodyne® male nuts and ferrules (compression-type tube fittings) for 1/16" OD stainless steel tubing.

Ordering Information		
Description	QTY	Part No.
Rheodyne® Model 7410		
Model 7410	1	05AE-1101
0.2µL Loop Disc	1	05AE-1111
1µL Loop Disc	1	05AE-1121
2µL Loop Disc	1	05AE-1131
5µL Loop Disc	1	05AE-1141
Loop filter port	1	05AE-1151
Needle port	1	05AE-1161