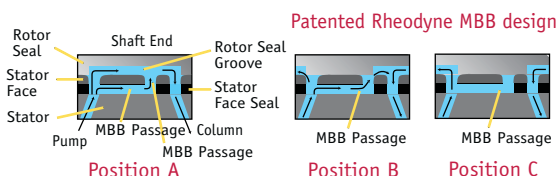


# Valves

## Rheodyne® Model 7725 and 9725 Sample Injectors

- “Make-Before-Break” (MBB) switching for uninterrupted flow
- A front-end pressure screw – for easy seal adjustment
- Wide port angles – for improved access to fittings
- Internal position sensing switch – (“i” version)
- Capability of reproducible 2µL sample injection with a 2µL internal sample loop
- Inject from 1µL to 5mL



These valves feature the new Make-Before-Break system, which prevents flow interruptions while switching. This protects any columns, detectors, or pumps which might be affected by flow or pressure fluctuations.

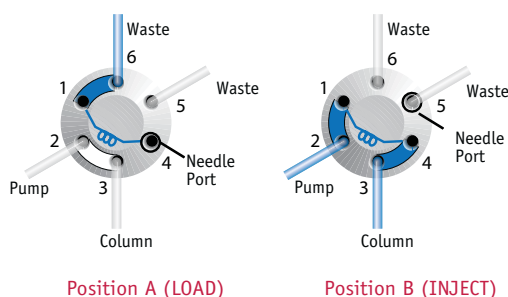
The 7725 and 7725i are capable of injecting volumes of 1µL to 5mL with high precision. The 7725i features a built-in position sensing switch, providing the chromatograph with a reproducible start signal. The 7725 and 7725i come with a 20µL sample loop. Other loops are available including a 2µL internal sample loop, providing greater versatility in your sample size.

The 9725 and 9725i are biocompatible versions of the 7725 and 7725i injectors. Wetted materials are PEEK and Tefzel®, making it ideal for applications requiring a biocompatible or metal-free flow path. A 20µL PEEK sample loop is included. Also available is the Suction Needle Adaptor which eliminates exposure of the sample to the metal of a syringe needle.

Ordering Information		
Description	QTY	Part No.
<b>Rheodyne® Model 7725 and 9725</b>		
Model 7725, SS	1	05AE-1011
Model 7725i, SS, with sensing switch	1	05AE-1021
Model 9725i, PEEK	1	05AE-1031
Model 9725i, PEEK, with sensing switch	1	05AE-1041

## Rheodyne® Model 8125 Micro-Scale Injector

- Versatile! - Works with Microbore (1mm, 2mm) and
- Conventional (2-6mm) ID Columns
- 0.25mm (0.010”) Flow Passages
- Built-In Position Sensing Switch
- Rated to 5,000psig



The 8125 is a low-dispersion analog of Rheodyne®'s 7125 valve. It features reduced diameter flow passages, a new port geometry for easier loop attachment, and a built-in position sensing switch.

Flow passages in the 8125 are only 0.25mm in diameter, resulting in a significant reduction in dispersion. The lower dispersion makes the 8125 valve suitable for use with conventional analytical columns (2 to 6mm ID) as well as with microbore (1mm and 2mm ID) columns where minimum extracolumn volume is critical. The 8125 valve has unique “dual size” ports for tubing connections. This allows either 1/16” OD or 0.02” OD tubing to be used. Connections to 1/16” column end fittings are facilitated with a connecting tube supplied with the valve. The smaller flow passages also result in more resistance to flow. This makes it harder to load large sample volumes. The maximum recommended sample volume for the 8125 valve is 500µL. All sample loops are externally plumbed.

Ordering Information		
Description	QTY	Part No.
<b>Rheodyne® Model 8125</b>		
Model 8125	1	05AE-1051