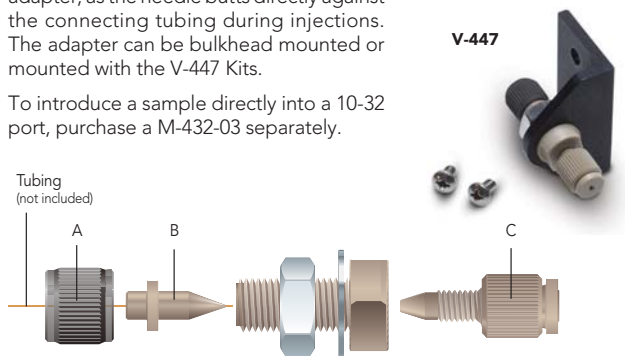


Injection Port Adapters

- For 360 μ m OD tubing
- Mount on bracket or bulkhead

To introduce sample, connect 360 μ m OD capillary tubing to an Upchurch Scientific® Injection Port Adapter Assembly. This adapter accepts standard 22 gauge Hamilton-style injection syringe needles. No additional swept volume is added to the fluid pathway by this adapter, as the needle butts directly against the connecting tubing during injections. The adapter can be bulkhead mounted or mounted with the V-447 Kits.

To introduce a sample directly into a 10-32 port, purchase a M-432-03 separately.



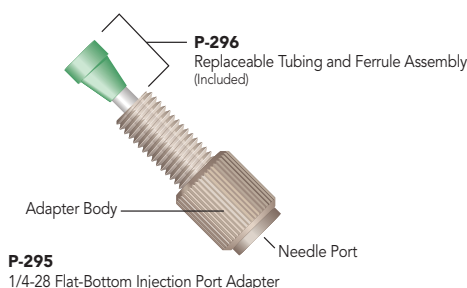
M-432
Micro Injection Port Adapter Assembly

RELATED PRODUCTS

	A	B	C
For 360 μm OD Tubing			
M-432 and V-447	P-416BLK	F-152	M-432-03

- For use with Upchurch Scientific Injection Valves on page 133

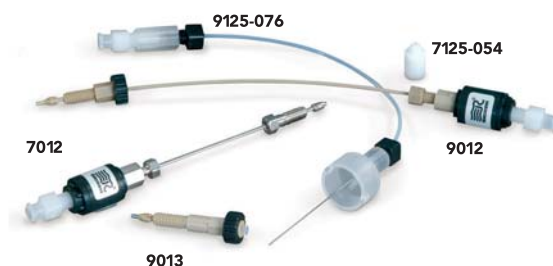
This simple, biocompatible adapter is designed specifically for the Upchurch Scientific Injection Valves on page 133 and can also convert any 1/4-28 flat-bottom port into a port that can accept a standard 22 gauge HPLC injection needle. This injection port adapter is adjustable, so you can create a snug fit around the needle to prevent any leaking of the analyte. In addition, this product features an internal stop that prevents you from inserting the needle too far, eliminating the possibility of damaging the valve with the needle tip.



P-295
1/4-28 Flat-Bottom Injection Port Adapter

Needle Port Accessories

The Rheodyne® adaptable Loop Filler Ports (Part #7012 and 9012) are used to load sample from syringe needles or luer tips. The Needle Port (Part #9013) conserves sample by minimizing the volume between the needle and the valve.



Part No.	Description
MICRO INJECTION PORT ADAPTER	
For 360 μm OD Tubing	
F-152	Replacement MicroFerrule for M-432, Natural PEEK
M-432	Micro Injection Port Adapter Assembly
M-432-03	Replacement Tubing/Fitting Assembly for M-432 & M-433
P-416BLK	Replacement Female Nut for M-432, Black PEEK
V-447	Micro Injection Port Adapter Assembly Actuator Mounting Kit Includes (1) M-432 with mini-actuator bracket and (2) mounting screws
1/4-28 FLAT-BOTTOM INJECTION PORT ADAPTER	
P-295	Adjustable Injection Port Adapter
P-296	Replacement Tubing/Ferrule Assembly
NEEDLE PORT ACCESSORIES	
7012	Stainless Steel Loop Filler Port
7125-054	Needle Port Cleaner
9012	PEEK Loop Filler Port
9013	PEEK Needle Port
9125-076	Suction Needle Adapter (for Model 9725)