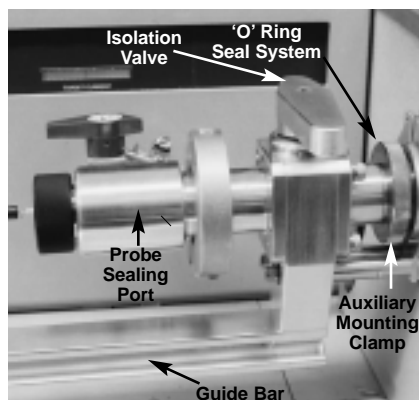


# B14 Probe Inlet Port by S.I.S.™

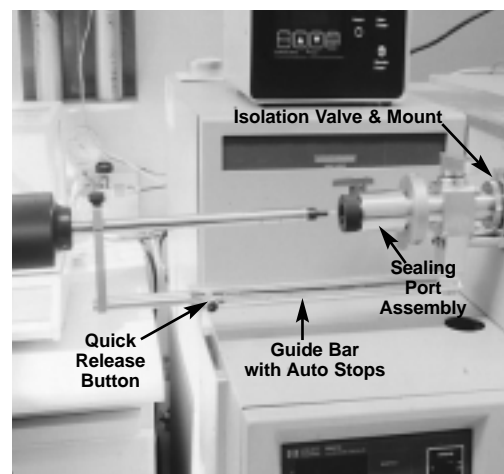
## Agilent 5988/5989 Probe Inlet Port with Automatic Stops

...eliminates the accidental venting of the mass spectrometer via the probe inlet

- Complete probe inlet includes
  - probe isolation valve assembly
  - probe sealing port assembly
  - mass spec mounting bracket
  - probe guide bar with auto-stop
- Three automatic-quick release positions
  - ready or load position
  - first vacuum seal
  - second seal



Probe Inlet for the Agilent 5989 Part # PI200



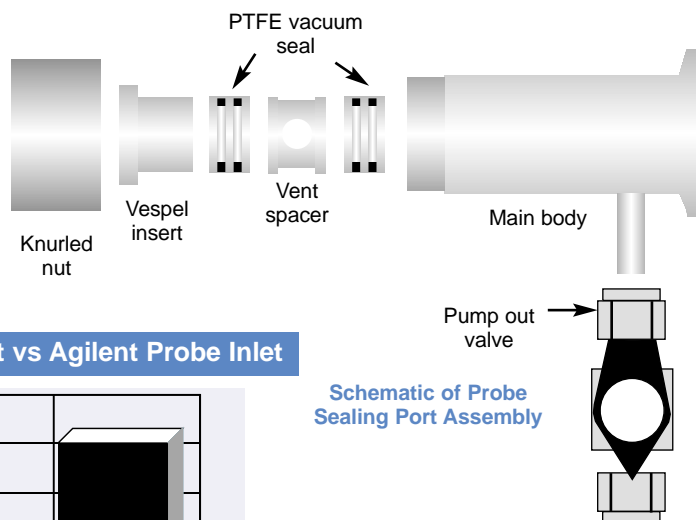
Complete Probe Port For the Agilent 5989 Mass Spectrometer. Part #PP300

This new Probe Inlet System for the Agilent 5988 and 5989 mass spectrometers has been designed to prevent the occasional venting of the mass spectrometer by accidentally pulling the probe past the vacuum seals. The inlet system mounts to the probe inlet port on the Agilent mass spectrometers via the standard 'O' Ring sealing system supplied with the mass spectrometer.

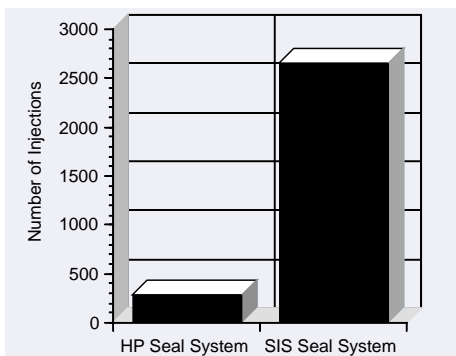
The S.I.S. Probe Valve Assembly & Mount comes complete with all seals to permit the delivery of the 1/2" diameter probe rod through the valve and into the mass spectrometer. The assembly mounts directly on the mass spectrometer flange and is sealed via the 'O' ring seal on the mass spectrometer manifold.

The Probe Sealing Port Assembly includes the redesigned PTFE probe rod seals, pump out valve and a 4' length of Tygon vacuum tubing to connect the valve to the mass spectrometer vacuum pump. It mounts to the Probe Isolation Valve Assembly using an 'O' ring and clamp system. The probe sealing port assembly uses a new PTFE sealing system designed by S.I.S. which provides for much better vacuum sealing of the probe rod as well as longer life.

The Guide Bar and Auto-Stop Assembly is mounted directly onto the Probe Inlet Valve Assembly. Any 1/2" diameter probe can be clamped onto the guide bar assembly. The probe can then be pushed into the vacuum sealing system and valving system with automatic stops at the load position and at the two vacuum seals. This will prevent pushing the probe in too far during initial insertion damaging the probe tip and also prevent inadvertently pulling the probe out too far and venting the mass spec during probe removal. A quick release push button on the probe guide bar releases the probe for travel to the next position.



### SIS Probe Inlet vs Agilent Probe Inlet



Schematic of Probe Sealing Port Assembly

Part No.	Description	Price
PP300	Agilent 5988/5989 Probe Inlet Port with Automatic Stops, Includes Probe Inlet Valve Assem., Probe Sealing Port Assem, the Guide Bar & Auto-Stop Assembly (Probe not included)	
PI200	Probe Inlet only	
HPP6	Dummy Probe for use on Agilent 5988/5989	
HPP1	Direct Probe for use on Agilent 5988/5989	
HPP2A	DCI Probe for use on Agilent 5988/5989	
PI250	Replacement Inlet Seal Set	