

5971 Bayard Alpert Vacuum Measurement System

The vacuum measurement system to monitor the source pressure is optional for the 5971. A complete system is available from S.I.S. to measure the source pressure. The system consists of a model 330 ion gauge controller, an ion gauge adaptor, a G75K ion gauge tube and a cable. This Bayard Alpert style vacuum gauge tube and controller is an exact replacement for the optional system available from Agilent. The adaptor is inserted between the NW25 flange at the bottom of the analyzer and the calibration gas vial.

Part No.	Description	Price
IGC330	330 Ion Gauge Controller, Bayard Alpert	
330C10	10' Cable	
G75K	3/4" Bayard Alpert Ion Gauge Tube	
HP71A	Ion Gauge Adaptor	

A complete system consists of one each of the above items.



Hose Adaptor Fittings

The hose fitting used in the back of the 5971 when the Convectron Gauge Tube is mounted is available from S.I.S. The standard fitting is for 3/4" hose. We also offer a fitting for use with 1" diameter hose.



Part No.	Description	Price
71A-1	3/4" 5971 Hose Fitting	
71A-2	1" 5971 Hose Fitting	

Convectron Gauge Tube

The Granville Philips Convectron Gauge tube used on the 5971 & 5972 mass spectrometers is available from S.I.S. This is a direct replacement for the Agilent original and screws into the fitting shown above.

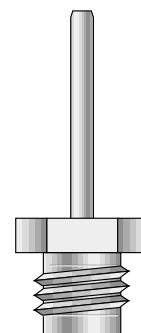


Part No.	Description	Agilent Part #	Price
275071	Convectron Tube	0960-0540	

New Agilent 5971 Transfer Line Tip

The transfer line tip for the Agilent 5971 MSD has been redesigned to permit the effluent from the end of the capillary column to purge directly into the MSD source, unlike the original gold plated transfer line tip in which the effluent purged inside this fitting and was diverted through side vents. This new design eliminates any inlet metal contact with the sample. The capillary column protrudes slightly through the end of the tip directly into the source. This new design should result in higher sensitivity for compounds which are sensitive to any metal contact.

Part No.	Description	Agilent Part #	Price
HP99	Agilent 5971 Transfer Line Tip	05971-20305	



Agilent 5971 Feedthrough Repair

The feedthroughs on the 5971 analyzer top plate can be replaced by S.I.S. These feedthroughs are very fragile and susceptible to damage. Repair includes drilling out the old feedthrough, TIG welding a new feedthrough in place, and helium Leak Testing of repaired feedthrough. This repair requires returning the analyzer top plate. We will repair within 24 hours and return it via Federal Express.



Part No.	Description	Price ea.
REP211	Replacement of One Feedthrough	
REP212	Replacement of Two Feedthroughs	

Agilent 5971 Interface Repair

The GC/MS Interface on the Agilent Technologies 5971 MSD can be damaged if care is not used. The 1/16" Swagelok fitting can be broken or stripped if overtightened. S.I.S. can replace this fitting if it becomes damaged.



Part No.	Description	Price ea.
REP88	5971 Interface Repair	
PRT8	Temperature Sensor, 5971 Interface	
HPC3	Heater, 5971 Interface	