

Ion Injectors Instrument Supplies for LC/MS systems



The ion injector on an Agilent LC/MS system is used as an entry point into the portion of the instrument under vacuum and to accelerate ions into the ion focusing optics. The entrance of the ion injector is charged with the opposite electrical charge of the ionization mode. The opposite polarity pulls ions through the nitrogen drying gas and into the sample entry point of the ion injector. The opposite end of the ion injector is also charged differentially (fragmentor) to accelerate the ion into the focusing optics. Resistive Ion Injectors are used for fast polarity switching if the instrument can support it.

Resistive Ion Injectors

Description	Part Number
Capillary, 6 x 0.61mm x 90mm, 1G	G1964-80659
Ion Injector, 1.2mm ID x 90mm	G1964-80112
FS Ion Injector, 0.6mm ID, 180mm	G3911-30000
Ultivo and MSD iQ Ion Injector	G3911-30001



FS ion injector, 0.6 mm id, 180 mm

Dielectric Ion Injectors

Description	Part Number
Ion Injector, 180mm, 0.6mm ID, Dielectric	G7604-60000
Ion Injector, 180mm, 0.5 mm ID, Dielectric	G7604-60001



Ultivo and MSD iQ ion injector

Use this chart to determine which Ion Injector is right for your system.

Part Number	Compatible with these Agilent Systems					
G1964-80659	6490A	6495A/B/C	6550A/B			
G1964-80112	6495D					
G3911-30000	6130A/B	6200	6470A/B	6538B	6549A	
	6135B/C	6420A	6475A	6540A/B	6560A/B/C	
	6140A	6430A	6520B	6545A	6575A	
	6150B	6460A/C	6530A/B/C	6546A		
G3911-30001	6465A/B	Ultivo	6160A	MSD iQ		
G7604-60000	6125B/C	6150B	6430A	6224A	6538B	6549A
	6130A/B	622A	6460A/C	6230A/B	6540A/B	6560A/B/C
	6135B/C	6410A/B	6470A/B	6520B	6545A	6575A
	6140A	6420A		6530A/B/C	6546A	
G7604-60001	6110/6120	6410A/B				

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