

Injectors



Alumina Injectors

Alumina injectors are corrosion-resistant to all mineral acids including HF and aqua regia. They are also used with less volatile organic solvents, e.g., xylene.

ICP Model	Dimensions	Part No.
Avio 200/500	0.80 mm ID	N0791180
Avio 200/500	1.2 mm ID	N0791181
Avio 200/500 (1.2 mm entire length of tube)	1.2 mm ID	N0791182
Avio 200/500 (standard with Avio instrument)	2.0 mm ID	N0791183
8x00	0.80 mm ID	N0781009
8x00	1.2 mm ID	N0781015
8x00 (1.2 mm entire length of tube)	1.2 mm ID	N0781007
8x00	2.0 mm ID	N0781014
2x00/4x00/5x00/7x00 DV	0.80 mm ID	N0775227
2x00/4x00/5x00/7x00 DV	1.2 mm ID	N0775228
2x00/4x00/5x00/7x00 DV (1.2 mm entire length of tube)	1.2 mm ID	N0776093
2x00/4x00/5x00/7x00 DV	2.0 mm ID	N0775177
4300V/5300V/7300V	1.2 mm ID	N0771531
3000/3000 SCR/3x00 RL	0.85 mm ID	N0582186
3000/3000 SCR/3x00 RL	1.5 mm ID	N0582185
3000/3000 SCR/3x00 RL	2.0 mm ID	N0582184
3x00 XL/3x00 DV/3000 SCX /4300V/5300V/7300V	2.0 mm ID	N0695362



Sapphire Injectors

Sapphire injectors are ideal for silicon applications

ICP Model	Dimensions	Part No.
Avio 200/500	2.0 mm ID	N0791184
8x00	2.0 mm ID	N0781008
2x00/4x00/5x00/7x00 DV Sapphire in PFA base, (connects directly to ESI spray chambers)	1.8 mm ID	N0777044
2x00/4x00/5x00/7x00 DV	2.0 mm ID	N0775247
3000/3000 SCR/3x00 RL	2.0 mm ID	N0695495
3x00 XL/3x00 DV/3000 SCX /4300V/5300V/7300V	2.0 mm ID	N0695494

Quartz Injectors



Quartz injectors are designed for organic solvents and non-HF matrices.

ICP Model	Dimensions	Part No.
Avio 200/500	0.80 mm ID	N0791185
Avio 200/500	1.2 mm ID	N0791186
Avio 200/500 (1.2 mm entire length of tube)	1.2 mm ID	N0791187
Avio 200/500	1.6 mm ID	N0791188
Avio 200/500	2.0 mm ID	N0791189
Avio 200/500	3.0 mm ID	N0791190
8x00	0.80 mm ID	N0781018
8x00	1.2 mm ID	N0781019
8x00 (1.2 mm entire length of tube)	1.2 mm ID	N0781013
8x00	1.6 mm ID	N0781016
8x00	2.0 mm ID	N0781050
8x00	3.0 mm ID	N0781017
2x00/4x00/5x00/7x00 DV	0.80 mm ID	N0775225
2x00/4x00/5x00/7x00 DV	1.2 mm ID	N0775226
2x00/4x00/5x00/7x00 DV	1.6 mm ID	N0775223
2x00/4x00/5x00/7x00 DV	2.0 mm ID	N0775014
2x00/4x00/5x00/7x00 DV	3.0 mm ID	N0775224
3x00 XL/3x00 DV/3000 SCX /4300V/5300V/7300V	0.8 mm ID	N0695461
3x00 XL/3x00 DV/3000 SCX /4300V/5300V/7300V	1.2 mm ID	N0695460
3x00 XL/3x00 DV/3000 SCX /4300V/5300V/7300V	1.6 mm ID	N0695449
3x00 XL/3x00 DV/3000 SCX /4300V/5300V/7300V	2.0 mm ID	N0695442



ESI Demountable Injectors

Dimensions	Type	Part No.
For Avio 200		
2.0 mm	Platinum	N0791849
1.5 mm	Sapphire	N0791850
2.0 mm	Sapphire	N0791851
For Optima 8x00		
2.0 mm	Platinum	N0786021
1.5 mm	Sapphire	N0782004
1.8 mm	Sapphire	N0782005
1.8 mm with adapter for 7x00	Sapphire	N0782006
2.5 mm	Sapphire	N0786022
1 mm	Quartz	N0782007
1.5 mm	Quartz	N0782008
2 mm	Quartz	N0782009
2.5 mm	Quartz	N0782010