

## 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	<b>N0791180</b>
Avio 200/500	1.2 mm ID	<b>N0791181</b>
Avio 200/500 (1.2 mm entire length of tube)	1.2 mm ID	<b>N0791182</b>
Avio 200/500 (standard with Avio instrument)	2.0 mm ID	<b>N0791183</b>
8x00	0.80 mm ID	<b>N0781009</b>
8x00	1.2 mm ID	<b>N0781015</b>
8x00 (1.2 mm entire length of tube)	1.2 mm ID	<b>N0781007</b>
8x00	2.0 mm ID	<b>N0781014</b>
2x00/4x00/5x00/7x00 DV	0.80 mm ID	<b>N0775227</b>
2x00/4x00/5x00/7x00 DV	1.2 mm ID	<b>N0775228</b>
2x00/4x00/5x00/7x00 DV (1.2 mm entire length of tube)	1.2 mm ID	<b>N0776093</b>
2x00/4x00/5x00/7x00 DV	2.0 mm ID	<b>N0775177</b>
4300V/5300V/7300V	1.2 mm ID	<b>N0771531</b>
3000/3000 SCR/3x00 RL	0.85 mm ID	<b>N0582186</b>
3000/3000 SCR/3x00 RL	1.5 mm ID	<b>N0582185</b>
3000/3000 SCR/3x00 RL	2.0 mm ID	<b>N0582184</b>
3x00 XL/3x00 DV/3000 SCX /4300V/5300V/7300V	2.0 mm ID	<b>N0695362</b>



### Sapphire Injectors

Sapphire injectors are ideal for silicon applications

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

### 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	<b>N0791185</b>
Avio 200/500	1.2 mm ID	<b>N0791186</b>
Avio 200/500 (1.2 mm entire length of tube)	1.2 mm ID	<b>N0791187</b>
Avio 200/500	1.6 mm ID	<b>N0791188</b>
Avio 200/500	2.0 mm ID	<b>N0791189</b>
Avio 200/500	3.0 mm ID	<b>N0791190</b>
8x00	0.80 mm ID	<b>N0781018</b>
8x00	1.2 mm ID	<b>N0781019</b>
8x00 (1.2 mm entire length of tube)	1.2 mm ID	<b>N0781013</b>
8x00	1.6 mm ID	<b>N0781016</b>
8x00	2.0 mm ID	<b>N0781050</b>
8x00	3.0 mm ID	<b>N0781017</b>
2x00/4x00/5x00/7x00 DV	0.80 mm ID	<b>N0775225</b>
2x00/4x00/5x00/7x00 DV	1.2 mm ID	<b>N0775226</b>
2x00/4x00/5x00/7x00 DV	1.6 mm ID	<b>N0775223</b>
2x00/4x00/5x00/7x00 DV	2.0 mm ID	<b>N0775014</b>
2x00/4x00/5x00/7x00 DV	3.0 mm ID	<b>N0775224</b>
3x00 XL/3x00 DV/3000 SCX /4300V/5300V/7300V	0.8 mm ID	<b>N0695461</b>
3x00 XL/3x00 DV/3000 SCX /4300V/5300V/7300V	1.2 mm ID	<b>N0695460</b>
3x00 XL/3x00 DV/3000 SCX /4300V/5300V/7300V	1.6 mm ID	<b>N0695449</b>
3x00 XL/3x00 DV/3000 SCX /4300V/5300V/7300V	2.0 mm ID	<b>N0695442</b>



### ESI Demountable Injectors

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