

## 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<br>(1.2 mm entire length of tube)           | 1.2 mm ID  | <b>N0791182</b> |
| Avio 200/500<br>(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<br>(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<br>(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<br>/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<br>Sapphire in PFA base,<br>(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<br>/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<br>(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<br>/4300V/5300V/7300V | 0.8 mm ID  | <b>N0695461</b> |
| 3x00 XL/3x00 DV/3000 SCX<br>/4300V/5300V/7300V | 1.2 mm ID  | <b>N0695460</b> |
| 3x00 XL/3x00 DV/3000 SCX<br>/4300V/5300V/7300V | 1.6 mm ID  | <b>N0695449</b> |
| 3x00 XL/3x00 DV/3000 SCX<br>/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<br>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> |