

Cyclonic Spray Chambers



Standard Cyclonic Spray Chamber
Part No. **N0776052**



Cyclonic O-Ring Free Spray Chamber
Part No. **N0775351**

The spray chamber is an integral part of the sample introduction system responsible for filtering the sample mist to permit the appropriate droplet size distribution to reach the plasma.

Standard and O-Ring Free glass cyclonic spray chambers can be used with either GemCone or concentric glass nebulizers. HF resistant cyclonic spray chambers should be used with GemCone, SeaSpray or MicroMist nebulizers.

Glass Spray Chambers

ICP Model	Type	Part No.
2x00/4x00/5x00/7x00/8x00	Standard*	N0776052
2x00/4x00/5x00/7x00/8x00	O-Ring Free	N0775351
2x00/4x00/5x00/7x00/8x00	O-Ring Free with Easy-Seal Threaded	N0772017

*Standard Cyclonic Spray Chamber (**N0776052**) with Adapter (**N0770614**):
Spray Chamber Kit with Mount Part No. **N0770605**

Quartz Spray Chamber
Part No. **N0777036**



Quartz Spray Chambers

ICP Model	Type	Part No.
2x00/4x00/5x00/7x00/8x00	Non-baffled Cyclonic Spray Chamber	N0777635
2x00/4x00/5x00/7x00/8x00	7 mm Baffled Cyclonic Spray Chamber	N0777036
2x00/4x00/5x00/7x00/8x00	7 mm Baffled Micro Cyclonic Spray Chamber	N0777637
2x00/4x00/5x00/7x00/8x00	5 mm Baffled Micro Cyclonic Spray Chamber with additional gas port	N0777638

Cinnabar Spray Chamber
Part No. **N0777494**



Cinnabar™ Cyclonic Spray Chamber

The Cinnabar glass spray chamber is a mini-cyclonic spray chamber which gives good sensitivity at very low uptakes. The Cinnabar's design and low volume is ideal for the reduction of memory and matrix effects and very fast washout. Volume 20 mL.

ICP Model	Type	Part No.
2x00/4x00/5x00/7x00/8x00	O-Ring Free	N0777494

Twinnabar™ Cyclonic Spray Chamber

The Twinnabar glass cyclonic spray chamber is a low volume spray chamber with baffle combining the benefits of the Twister and the Cinnabar. It combines excellent precision with a very fast washout. Volume 20 mL.

ICP Model	Type	Part No.
2x00/4x00/5x00/7x00/8x00	O-Ring Free	N0777495

C2 Cyclonic Spray Chamber
Part No. **N0782012**



C2 Cyclonic Spray Chambers

The C2 dual cyclonic spray chamber improves both sensitivity and precision with its unique dual cyclonic aerosol flow path, improving detection limits. Even at very high sample flow rates, the C2 chamber significantly reduces droplet buildup in the injector that can cause plasma instability or outages.

Description	ICP Model	Part No.
Quartz C2 Dual Cyclonic Spray Chamber Threaded drain port, connection for ESI injector, drain line assembly included	2x00/4x00/5x00/7x00/8x00	N0782012
Quartz Hydride C2 Dual Cyclonic Spray Chamber Threaded drain port, connection for ESI injector, hydride gas port, drain line assembly included	2x00/4x00/5x00/7x00/8x00	N0782014