Baffled Cyclonic Spray Chambers

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. The baffled cyclonic spray chamber features a central transfer tube which acts as a secondary particle separator helping separate larger aerosol particles from the sample. This reduces solvent load in the plasma without compromising detection limits. The distance between the bottom of the baffle and the chamber wall is carefully controlled so that droplets cannot form on the bottom of the baffle. The advantage is smooth draining and improved precision.

Part No. **N0775350**

Part No. **N8152375**

UV PC³ Light Shield
Part No. **N8152475**

UV Light Shields

Description	ICP-MS Model	Part No.
UV Light Shield	NexION 1000/2000 ICP-MS 'B' Configuration	**N8152425**
UV Light Shield	NexION 2000 ICP-MS 'C','P' and 'S' Configurations (for use with PC³)	**N8152475**
UV Light Shield	NexION 2000 ICP-MS 'C', 'P', and 'S' Configurations (for use with PC³) **N8152475**	**N8145102**

High Sensitivity Spray Chamber
with Matrix Gas Port
Part No. **N8152389**

Description		Part No.
For NexION 2000 B		
High Sensitivity All-Purpose Spray Chamber for Non-Hf Samples	Glass	**N8152375**
For NexION 1000 and 2000 C/P		
High Sensitivity Spray Chamber with Matrix Gas Port	Glass	**N8152389**
For NexION 2000 S		
High Sensitivity All-Purpose Spray Chamber for Non-Hf Samples. Provides Excellent Sensitivity, Stability And Ultra-Low Blanks	SilQ	**N8152424**
For NexION 1000 and 2000		
High Sensitivity Spray Chamber with Matrix Gas Port for Applications Requiring Low Levels Of Boron and Silicon Detection	Quartz	**N8152383**
For NexION 300/350		
O-Ring Free Spray Chamber	Quartz	**N8145013**
For ELAN DRC/DRCplus/DRC II		
Spray Chamber	Quartz	**WE025221**
For NexION (Standard with NexION 300/350 Q/X/D)*		
Spray Chamber	Glass	**N8145014**
For ELAN		
Spray Chamber	Glass	**N8122188**
For ELAN/NexION 300/350		
O-Ring Free Spray Chamber	Glass	**N0775350**

Asperon™ Spray Chamber

Description	ICP-MS Model	Part No.
Asperon Spray Chamber	NexION 1000/2000	**N8152493**

See page 129 for Single Cell Sample Introduction Kits