

# Direct Connection (DC) Nebulizer

The Glass Expansion DC (Direct Connection) nebulizer has a UniFit sample connector which slides easily over the sample arm and an argon gas connector configured to connect directly to your ICP.

## The benefits of the DC nebulizer are:

- Inert metal-free argon gas connector.
- Instrument-specific Direct Connect flexible argon gas line.
- Reliable ratchet fitting ensures leak-free argon gas connection.

## The DC nebulizer shares the following benefits with the U-Series nebulizer:

### Resists blockage

The sample channel is uniform from the entry point to the tip, so there is nowhere for particulates to be trapped.

### Fast washout

Since there is nowhere for sample to be trapped, the fastest possible washout and highest sample throughput is achieved.

### Simple to use

Our proprietary UniFit connector slides easily over the sample arm and creates an excellent seal.

### Full length VitriCone™ construction

With the VitriCone™ design, the sample channel is constructed from heavy glass capillary which is machined to very high tolerances.



SeaSpray DC Nebulizer for Agilent® 5000 Series  
GE P/N A13-07-USS2

DC versions of the SeaSpray, MicroMist, Conikal, Slurry, DuraMist, OpalMist and VeeSpray nebulizers are available to suit the most common models of ICP-OES and ICP-MS.

The DC nebulizer part number has a prefix specific to each type of gas connector. For example, the prefix “A13-” denotes a connector for the Agilent® 5000 Series ICP-OES, so part number A13-07-USS2 is a SeaSpray nebulizer configured for direct connection to the Agilent® 5000 Series.



**GLASS EXPANSION**  
Quality By Design

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See table below for a complete list of prefixes for the DC nebulizers line:

Manufacturer	Model	P/N Prefix	Gas Line Included	
Agilent Technologies®	Vista/700-ES Series, 4100/4200	A11-	70-803-0969	
Agilent Technologies®	4500/7500	A12-	70-803-1086	
Agilent Technologies®	7700/7800/7900/8800/8900	A13-	70-803-1105	
Agilent Technologies®	5100/5110/5800/5900	A13-	70-803-1105	
Analytik Jena®	ICP-MS	A11-	70-803-0969	
Analytik Jena®	ICP-OES	A13-	70-803-1105	
Horiba® Jobin Yvon	All Models	A13-	70-803-1105	
Leeman	All Models	A11-	70-803-0969	
Nu Instruments	ICP-MS	A51-	70-803-1858	
PerkinElmer®	ICP-OES	A21-	70-803-1070	
PerkinElmer®	Elan/NexION 300/350	A22-	70-803-1049	
PerkinElmer®	NexION 1000/2000/5000	A23-	70-803-1449	
Shimadzu®	All Models	A41-	70-803-1311	
Spectro™	All Models	A21-	70-803-1070	
Thermo Fisher Scientific®	PRO, 6000/7000, Q/RQ/TQ & X-Series	A31-	70-803-1292	
Thermo Fisher Scientific®	Neptune	A32-	70-803-1468	

For more information on GE Nebulizers visit:  
[www.geicp.com](http://www.geicp.com)