

THE SEASPRAY NEBULIZER

Simply the best!

The SeaSpray™ nebulizer has re-written the rules for analysis with ICP-OES and ICP-MS – providing improved precision and sensitivity as well as freedom from clogging while nebulizing up to 20% salt solutions.

The SeaSpray nebulizer is:

“...capable of continuous operation with concentrated sodium chloride solutions without any of the clogging problems typically observed with the conventional pneumatic concentric nebulizers...”

J.M. Cano, J.L. Todoli, V. Hernandez and J. Mona, *J. Anal. At. Spectrom.*, 2002, 17, 57-63

The SeaSpray combines a unique self-washing tip with the revolutionary Glass Expansion VitriCone construction. The SeaSpray nebulizer tip has been carefully designed with smooth surfaces to minimize adhesion

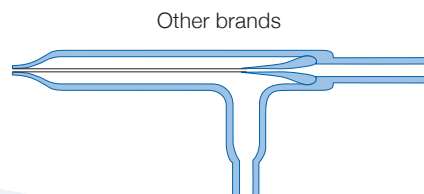
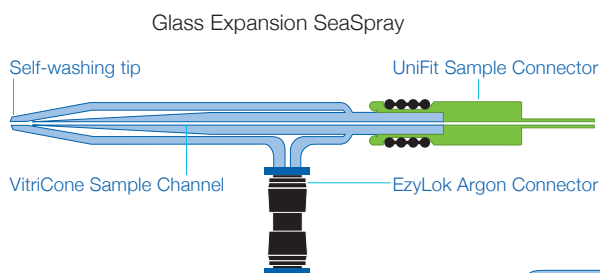
of salt crystals. The design also uses the washing action of the dispersing droplets to further prevent crystal growth, allowing the SeaSpray to handle up to 20% salt solutions.

With some concentric glass nebulizer brands, the sample channel is constructed from fine drawn out capillary tubing. Glass Expansion nebulizers on the other hand, use the unique VitriCone construction. With the VitriCone design the sample channel is constructed from heavy glass capillary which is machined to very tight tolerances. The benefits of the VitriCone construction are:

- The sample channel is uniform, so salt deposition is inhibited.
- The rugged precision-machined capillary resists vibration and delivers the best possible precision.
- The industry's tightest tolerances ensure that each nebulizer will perform to the same high standards as the previous one.

With the SeaSpray U-Series nebulizer, our proprietary UniFit connector slides easily over the sample arm and creates an excellent seal. As with all U-Series nebulizers, the sample channel is uniform from the entry point to the tip so there is nowhere for particulates to be trapped. And, since there is nowhere for sample to be trapped, you get the fastest possible washout and highest sample throughput. We supply SeaSpray U-Series nebulizers for all ICP-OES and ICP-MS spectrometers.

Contact us at enquiries@geicp.com and we will recommend the nebulizer to get the best from your equipment.



INTERNATIONAL

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