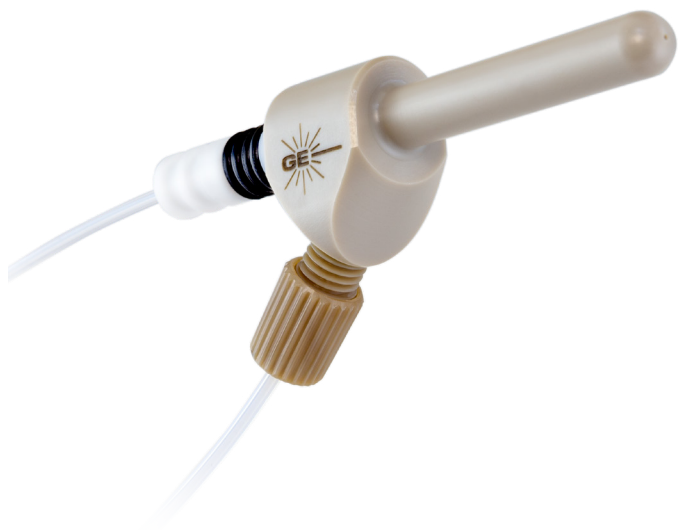


# DuraMist™ High Performance Inert Nebulizer



The DuraMist™ is a HF-resistant nebulizer, providing excellent sensitivity and precision at an affordable price. The DuraMist is a concentric, self-aspirating nebulizer and is compatible with all ICP models. And its ability to run samples with up to 30% total dissolved solids without blockage make it effectively a universal nebulizer.

The strength and rigidity of the PEEK material allows the DuraMist to be manufactured to very tight tolerances, enabling it to closely match the SeaSpray, the worldwide market-leading high performance glass nebulizer. A comparison of the DuraMist with the SeaSpray showed that the DuraMist gave similar performance.

For more information visit: [www.geicp.com](http://www.geicp.com)  
or contact us at [enquiries@geicp.com](mailto:enquiries@geicp.com)

## Inert material

Made from PEEK and it can tolerate a wide variety of acids including HF.\*

## High sensitivity and excellent precision

Due to concentric design and rigid construction.

## High tolerance to dissolved solids

(Typically up to 30%) due to smooth surface of capillary and nebulizer tip.

## High physical reproducibility

minimal nebulizer to nebulizer variability so that changing nebulizers does not change your analytical performance.

The following table compares the average intensity and RSD, over a range of elements, for the SeaSpray and DuraMist.

	Intensity	RSD
SeaSpray	100	0.23%
DuraMist	87	0.28%

\* The DuraMist nebulizer is recommended for samples containing up to 5% HF.

For samples with higher concentrations of HF, we recommend the OpalMist PFA nebulizer.

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