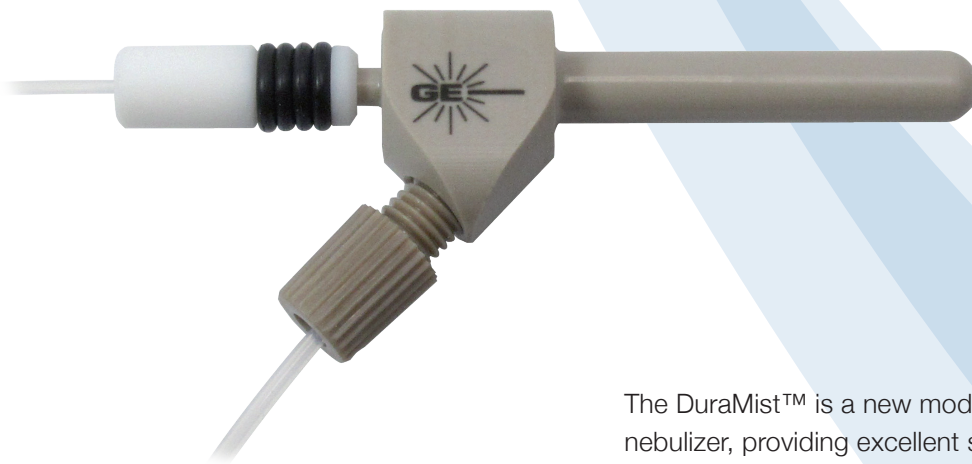


DURAMIST HIGH PERFORMANCE INERT NEBULIZER



- Inert material: The DuraMist is made from PEEK and can tolerate a wide variety of solvents 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 method

The DuraMist™ is a new model of 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 only slightly lower performance. The following table compares the average intensity and RSD, taken 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.

INTERNATIONAL

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