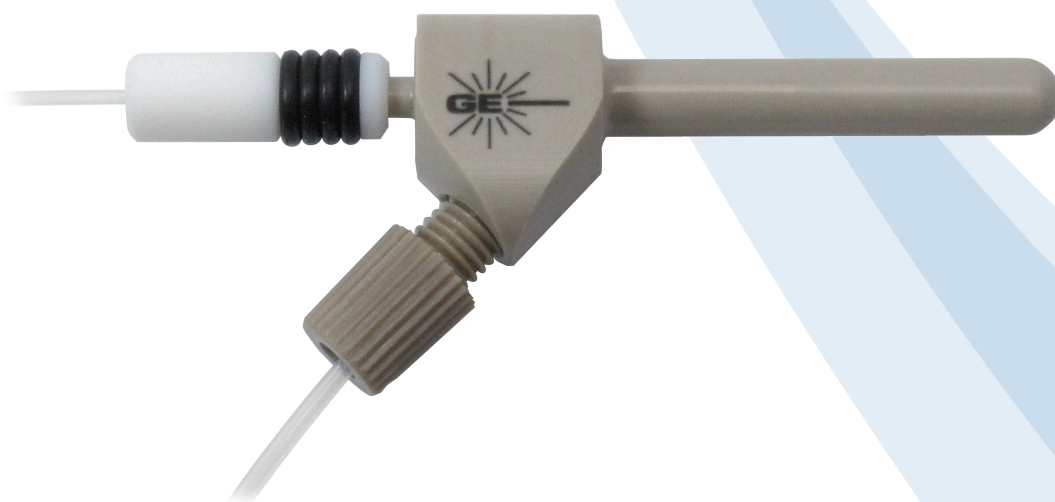


# DURAMIST HIGH PERFORMANCE HF-RESISTANT NEBULIZER



The DuraMist is a new model of HF-resistant nebulizer, providing excellent sensitivity and precision at an affordable price. The PEEK material is resistant to most chemicals used in ICP applications, including HF\*. The DuraMist is a concentric, self-aspirating nebulizer and is compatible with all ICP models.

A comparison of the DuraMist with the SeaSpray, the worldwide market-leading high performance concentric glass nebulizer, 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.

## Specifications

- Material: HF resistant PEEK
- High tolerance to particulates: up to 75um
- High TDS tolerance: typically ~20%
- Excellent precision due to concentric geometry
- High sensitivity
- Standard 6mm size fits standard cyclonic spray chambers. Adaptors are available for Scott type spray chambers
- Natural sample uptake rates: 0.4 and 1.0mL/min

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Quality By Design