

# OPTIMIST® ULTIMATE ICP-OES Nebulizer

“...made from ULTEM™ polyetherimide, the most durable plastic in science today!”

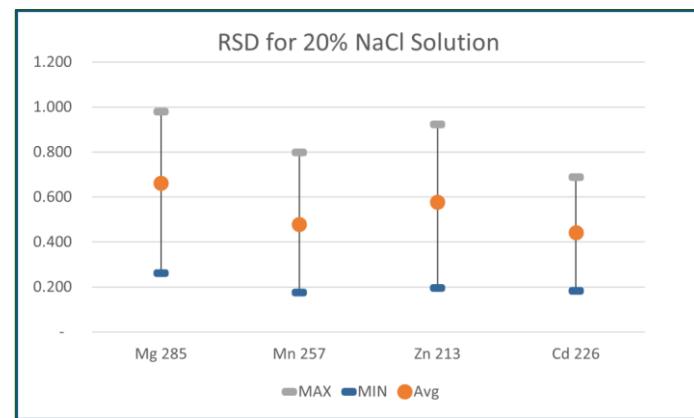
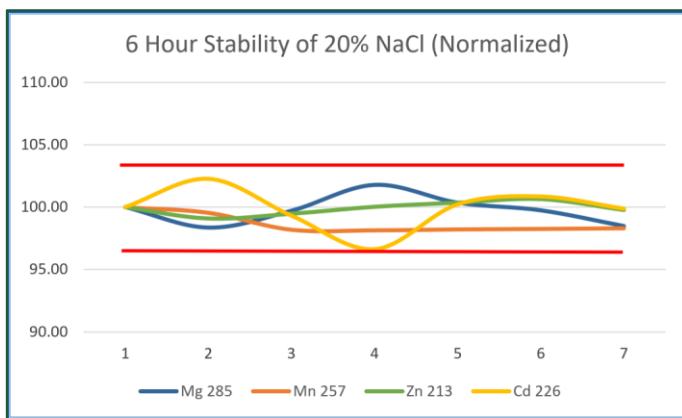


**Resilience** Made from ULTEM®, the OptiMist® ULTIMATE is resistant to even the harshest chemicals such as Hydrofluoric Acid and Organic solvents.

**Heritage** Non-concentric design employs TSP **patent 11,378,518** for Improved Dual Channel (IDC) that separates the gas and sample channels throughout the body of the nebulizer.

**Flexibility** Handles difficult applications such as high salt, high TDS (up to 30%), and metallo-organics.

**Functionality** Clogging from particles is virtually eliminated. The aerosol is aspirated externally at the nebulizer's orifice which significantly minimizes the potential for salt build-up. The OptiMist® ULTIMATE features a sample channel with a large internal diameter (ID) of approximately 1.0 mm, the largest ID available.



**Stability Test** - to demonstrate just how tough this nebulizer is, we ran a 20% NaCl solution through it for 6 hours. The results speak for themselves, virtually no drift, and no clogging!

**Precision Test** - 20% NaCl solution can have a significant negative impact on the RSDs of a nebulizer. As can be seen by the data above, the OptiMist® ULTIMATE has excellent RSDs!