

OPTIMIST® ULTIMATE ICP-OES Nebulizer

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

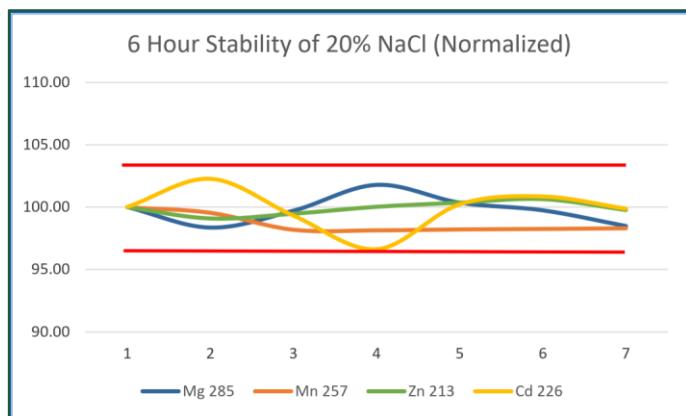


Resilience Made from ULTEM®, the OptiMist® ULTIMATE IS resistant to even the harshest chemicals such as Hydrofluoric Acid and Organic solvents.

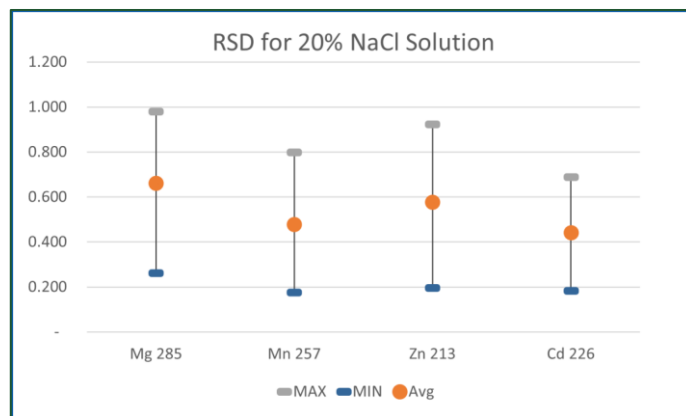
Heritage Non-concentric design employs TSP **patent 11,378,518** for Improved Dual Channel (IDC) that separates the gas and sample channels throughout the body of the nebulizer.

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!