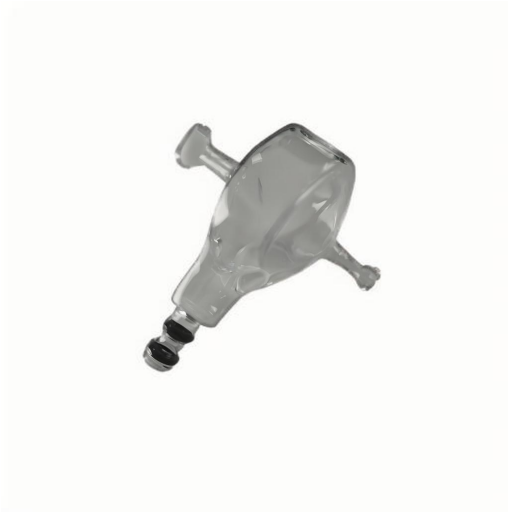
NWSPEC (Xiongan) Co., Ltd.
Add. 15-051# Xiongan Pilot
FreeTrade Zone Area, Hebei,

High-Performance Spray Chamber for ICP Spectrometers

This spray chamber is a key component designed specifically for our **Inductively Coupled Plasma (ICP) spectrometers**. Its primary purpose is to enhance the transport efficiency of nebulized samples, ensuring they remain uniform and stable throughout the spectral analysis process. With an optimized design that minimizes gas flow fluctuations, this spray chamber improves the repeatability and accuracy of your analysis, making it an ideal sample handling device for labs and research institutions.



Product Features

Efficient Sample Transport: The chamber's optimized internal design creates a stable flow of nebulized sample, minimizing transport loss and boosting detection sensitivity.

Effective Droplet Separation: An integrated separator efficiently removes large droplets, protecting the ICP spectrometer from potential damage.

Corrosion-Resistant Design: Made from highly corrosion-resistant materials, the spray chamber can handle a variety of chemical reagents, extending its lifespan and reducing maintenance needs.

User-Friendly Operation: The modular design allows for easy disassembly, cleaning, and replacement, simplifying routine maintenance.

Controlled Gas Flow: An internal gas flow guidance system ensures the nebulized sample enters the ICP torch uniformly, improving the stability and reliability of your results.

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Technical Specifications

Parameter	Description
Volume	Approx. 50 mL
Material	Highly corrosion-resistant material (e.g., PTFE or Quartz)
Applicable Gas Flow	0.5−2.0 L/min
Separation Efficiency	≥99%
Compatibility	Compatible with all ICP spectrometer models manufactured by our company.
Applicable Sample Types	Acidic, alkaline, inorganic, and organic liquid samples.