

Nebulizer

This nebulizer is specifically designed for use with our company's **Inductively Coupled Plasma (ICP) spectrometers**. Utilizing **precision atomization technology**, it ensures that samples are uniformly nebulized before spectral analysis, thereby significantly **improving detection accuracy and stability**. Its highly efficient and reliable performance makes it an ideal choice for a wide range of laboratories and research institutions.



Product Features

Efficient Nebulization: Advanced atomization technology converts liquid samples into uniform, fine particles, which is essential for more precise elemental analysis by the ICP spectrometer.

Precise Control: The nebulizer's flow rate can be adjusted via the instrument, allowing for precise control over nebulization efficiency based on sample requirements. This enhances detection sensitivity and consistency.

Corrosion-Resistant Material: Constructed from corrosion-resistant materials, the nebulizer is compatible with a variety of chemical reagents, extending its lifespan.

Convenient Disassembly & Cleaning: Designed for ease of use in a laboratory setting, the nebulizer can be quickly disassembled and cleaned, simplifying daily maintenance.

Visual Operation: A transparent chamber allows for real-time observation of the nebulization process, ensuring the equipment operates in its optimal state.

Technical Specifications

Parameter	Description
Nebulization Efficiency	≥90%
Material	Quartz or HF-resistant material
Flow Rate	Meets various flow requirements for aqueous, oil, and HF-containing samples.
Applicable Sample Types	Liquid samples (acidic, alkaline, inorganic, organic solutions, etc.)
Compatibility	Compatible with all ICP spectrometers manufactured by our company.