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

ICP Torch

The **ICP Torch** is a core component of our Inductively Coupled Plasma (ICP) spectrometers, specifically designed to excite samples within a high-temperature plasma. With its exceptional resistance to heat and corrosion, the HK-899 provides a stable and long-lasting excitation environment for ICP spectrometers, ensuring precision and high efficiency throughout the analysis process. It is the ideal sample processing component for a variety of laboratories and research institutions.

Product Features

High-Temperature Resistance: Made from high-temperature-resistant materials, the torch can withstand prolonged operation at extreme temperatures, meeting the needs of stable ICP light sources.

Efficient Sample Transfer: The precisely engineered internal diameter ensures a stable sample gas flow into the plasma zone, enabling more accurate analysis.

Corrosion Resistance: Constructed from highly corrosion-resistant materials like high-purity quartz or ceramic, the torch can handle a wide range of chemical samples, guaranteeing long-term stability.

Easy Installation and Replacement: A modular design allows for quick installation and removal, reducing replacement time and improving instrument efficiency.

Excellent Compatibility: This torch is fully compatible with ICP spectrometers manufactured by our company.

Product Advantages

High Stability: The high-temperature-resistant material ensures the torch's reliability under extreme temperatures, guaranteeing a stable excitation source for the ICP.

Superior Accuracy: The internal diameter is specifically designed for plasma excitation, minimizing sample gas flow fluctuations and improving analytical accuracy.

Strong Durability: Constructed from high-temperature and corrosion-resistant materials, it can handle various acidic, alkaline, or organic solutions, extending the product's lifespan.

User-Friendly Operation: The easy installation and removal of the torch simplify procedures, increasing the overall efficiency of laboratory analysis.

Technical Specifications

Parameter	Description
Material	High-purity quartz
Operating Temperature	Up to 2000◦ C
Compatibility	HF-resistant torches can be customized to meet specific needs.
Applicable Gas	Argon gas