

Precision Quartz Torches and O-ring Free Injectors

Part of a complete o-ring free sample introduction system for PE Elan ICP-MS systems

The Precision Quartz torch and o-ring free injector directly replace standard demountable torches and injectors. The reinforced base of the Precision torch reduces the chance of accidental breakage and allows for the precision alignment of the o-ring free injector.

- Direct replacement for standard torch and injector
- O-ring-free Teflon base
 - reduces contamination
 - easy to clean
 - easy to insert
- Precision alignment of torch and injector eliminates injector wobble and off-axis deflection.
- Precision o-ring-free injector with PFA base available in a variety of sizes and materials including:
 - Quartz
 - Sapphire
 - Platinum
- Stronger, reinforced torch base helps prevent accidental breakage during maintenance



The precision quartz torch and o-ring free injector for PE ELAN

Ordering Information

Precision Quartz Torch

ES-1102-1000

O-ring free injectors

Sapphire Injectors—an economical solution for many non-HF applications.

ES-1103-1101 1mm i.d.

ES-1103-1181 1.8mm i.d.

Quartz Injectors—this HF resistant injector is ideal for most high purity and low background applications.

ES-1134-1101 1mm i.d.

ES-1124-1151 1.5mm i.d.

Platinum Injectors—this HF resistant injector is recommended for improved performance for sub to low ppt Al determinations.

ES-1113-1151 1.5mm i.d.

ES-1113-1201 2mm i.d.



ES-1102-1000 precision quartz torch with sapphire injector for the ELAN eliminates o-rings from the sample introduction area.