

# Repair and Cleaning of the Prefilter

## for the Thermo-Fisher Scientific<sup>®</sup> DSQ Mass Spectrometers

SIS repairs the broken pins and plate welds on the Prefilter for Thermo-Fisher DSQ and also cleans the entire assembly to a like new condition.

### The Repair and Cleaning of the Prefilter Includes the Following

- Repair Broken Pins
- Laser Weld Pins and Plates
- Regrind Rod Ends
- Thoroughly Clean All Parts
- Electropolish the Assembly
- High Temperature Ultrasonic Cleaning



**Prefilter for the Thermo-Fisher DSQ**

SIS can now service the Prefilter for the Thermo-Fisher DSQ. Our service begins by repairing and laser welding the broken pins and plates. All of the remaining spot weld joints are then rewelded with our laser welding system which provides superior welds than the original spot welds from the manufacturer. This will make this assembly more robust for your future use.

After rewelding all the joints, the rods are abrasive cleaned to remove any contamination or residue on the flight path through the rods.

The rod ends are then lightly reground to assure that the ends are parallel to each other.

The entire assembly is then electropolished to thoroughly clean the parts and remove any remaining residues. Finally the entire assembly is washed in our high temperature ultrasonic cleaning system to provide you with a vacuum clean part ready to go back into your mass spectrometer.

**\* Note: If the Prefilter assembly is received completely disassembled or parts are missing, additional charges will be applied.**

Part No.	Description	Price Ea.
REP685	Prefilter Repair and Cleaning for the DSQ	
*If the Prefilter is Completely Disassembled or parts are missing, additional charges will be applied.		



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