



## Contract Machining

All of our experience in the manufacture of scientific instruments and accessories combined with the latest in manufacturing equipment results in precision machined components and assemblies made right the first time and every time.

We take pride in our work and are committed to superior craftsmanship, on time delivery, and attention to the finest details.

SIS utilizes quality, state-of-the-art computer controlled equipment to machine complex parts for a variety of industries. We specialize in components for scientific instruments, but have also served the medical and industrial markets as well.



- *Personnel Experienced With Scientific Instrument Parts Manufacture.*
- *State-of-the-Art Equipment*
  - *Milling*
  - *Turning*
  - *Electro-Polishing*
  - *Quality Assurance*

## Precision Machining and Tooling

Computer controlled four axis vertical machining centers are utilized for the machining of a variety of parts. Components used in our thermal desorption systems, as well as mass spectrometer source parts, gas chromatography components, and other complex parts are routinely manufactured on this equipment. The combination of CAM manufacturing software, automatic tool changers, multiple axis capabilities and experienced personnel provide for efficient operation and quality components.



Our turning capabilities include a multi-axis Mori Seiki turning center with sub spindle and live tooling. This allows for complex parts that not only include turning, but milling, drilling and threading to be done in a single, unattended operation. This minimizes part handling and setups and provides the utmost in accuracy and precision.

## Precision Machining and Tooling

SIS is experienced in the machining of a variety of materials including stainless steel, aluminum, brass, copper, nickel, precious metals and various specialty polymers such as Vespel, and other plastics.



Our expertise does not stop with our machining however. SIS also offers in house finishing capabilities including electro-polishing, buffing, bead blasting and hand polishing. We understand the finishes required for scientific instrument parts and are committed to quality from start to finish.

Quality Assurance is the over riding aspect of all that we do. From design and manufacturing, to assembly and packaging, quality is built in to every part that we manufacture. Optical measurement systems, lasers, microscopes and other equipment are used to assure that you get the parts that you need.

