

## Contract Machining

*for Scientific and Medical Markets*

Extensive Experience in:

- OEM Machining
- Screw Machining
- Miniature Machining
- Electro-polishing
- Vacuum Welding
- Leak Testing
- High Purity Cleaning
- Component Assembly

## Precision CNC Machining



## Vacuum Flanges



For more details visit our web site at:  
[www.scientificmachining.com](http://www.scientificmachining.com)

## Machined Parts



## TD-5™

### *Microprocessor Controlled Short Path Thermal Desorption System*

The new SIS TD-5 is a "short path" thermal desorption system. It provides unattended thermal extraction (thermal desorption) and injection of volatile and semi-volatile organics from solid, liquid and gas samples into a gas chromatograph

#### Features:

- High sensitivity thermal desorption and direct thermal extraction of solid, liquid, and gas samples.
- No "memory effect" - individual flow path for each sample
- Uses the S.I.S. 'Short Path Thermal Desorption' technology
- Stainless steel sample tubes (glass lined GLT or silco treated) are inert to samples and strong for sample handling.
- Mounts overtop the GC injection port
- Not permanently installed to the GC - easily removable
- Windows-based software and monitoring system
- Seamless integration into Agilent Chemstation
- Uses P & T Thermal Desorption & Direct Thermal Extraction techniques
- PC Software Controlled
- Desorb samples at temperatures from 20°C to 400°C

## S.I.S. TD-5™



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