

• *Equipment Design & Building* • *Maintenance Programs* • *Service* • *Spare Parts*

EQUIPMENT MODELING, DESIGN & BUILDING

Grauling Research has extensive hands-on knowledge in designing, building and operating thin film deposition equipment. With over 30 year's industry experience, we work closely with our customers to meet their custom equipment builds, upgrades, modifications and support requirements. Here are some of the services we currently offer:



- Custom Equipment Modeling, Design and Builds
- Upgrades
- Teardown, Relocation and Set-up
- Troubleshooting
- Process Development

Our experienced engineering staff provides comprehensive evaluations to accurately assess the customer's equipment requirements. Let us build your machine from the ground up, or design enhancements to your existing equipment to meet your company's production objectives.

SERVICE & MAINTENANCE PROGRAMS

Grauling Research offers customizable equipment service and maintenance programs to fit your budget and needs. We offer onsite and remote support to minimize customer's equipment down-time to minimize loss of valuable manufacturing and production schedules. Preventative maintenance is offered on a quarterly or annual basis to meet our customers manufacturing goals. The support may include:

- Process development or process maintenance
- Software
- Mechanical
- Electrical
- Diagnostics

Emergency on-call support is available to our customers regardless of location. All travel and parts for service contracts are charged separately. Please contact us for a personalized service contract quotation and see how Grauling Research can improve your equipment's operating efficiency.



SPARE PARTS

Grauling Research understands the importance of maintaining efficient equipment and provides equipment spare parts at competitive prices to meet the needs of our customers. We supply spare parts in accordance with the standards set forth by the Original Equipment Manufacturer (OEM) technical specifications for the equipment to ensure compatibility.

- On-hand inventory of spare parts to minimize repair turn-around times.
- Experienced and thorough technicians.
- Customer service response is within 24 hours of initial request to help minimize down times.



FOR SALES AND SERVICE PLEASE CALL 707-687-9577

