

Flexible Solutions and State-of-the-Art Technology

Low Rate Initial Production Capabilities

We specialize in low rate initial production of both consumables and capital equipment, partnering with you to bring ideas to market quickly and efficiently.

What Makes Us Unique:

We understand that bringing new products to market quickly and efficiently is crucial for success. Our agility empowers you to do just that, enabling rapid prototyping and iterative design, shortening your development cycles and giving you a competitive edge. We also recognize that quality is non-negotiable.

Our rigorous quality control processes ensure your products meet the highest standards of performance and reliability, protecting your brand reputation. Our team’s deep expertise in manufacturing processes and materials means we can optimize your designs for manufacturability, reducing costs and improving product performance.

Most importantly, we act as a true partner, collaborating closely with you every step of the way. This approach ensures that your vision is realized, your specific needs are met, and your project goals are achieved, ultimately maximizing your return on investment and accelerating your path to market leadership.

CLIENT TESTIMONIAL

“Without a 2-week design-build-test cycle, this technology would not exist today.”

- Javelin Biotech Co-Founder

CAPABILITY FOCUS



Our Expertise:

Consumables (Annual Volume: 10s to 1,000s+):
Medical Devices, Organ-on-a-Chip, Diagnostics, Testing, Optics

Capital Equipment (Annual Volume: 1 to 100s+):
Diagnostics, Incubators, Cell Growth, Industrial Automation, Controllers, Testing, Microscopes, Optics

In-House Capabilities:

Joining & Assembly - Laser welding, Ultrasonic welding, Robotic assembly, Automated adhesive dispensing, Die cutting, Thermal bonding, Diffusion bonding, Bonding, Vacuum forming, UV curing.

Surface Treatment & Cleaning - Oxygen plasma treatment, Corona treatment, Ultrasonic cleaning, Degassing.

Material Processing - Laser cutting/etching, Silicon molding, Machining (including Re:build).

Environmental Control & Testing - Thermal cycling, Automated inspection.

Approved Vendor List:

- Machining
- Sheet Metal Fabrication
- Injection Molding
- Extrusion
- Cable Assembly
- Cast Urethane Molding
- Welding (Specialized Processes)

Facilities:

- In-House Manufacturing Space
- ISO 7 Clean Rooms
- Dedicated Blood Lab

