


# OPHTHALMIC SOLUTIONS



Supporting the development and manufacturing of ophthalmic surgical and delivery systems requires precision, scalability, and seamless integration. With deep experience across materials and processes, we partner with leading MedTech companies to deliver high-quality components and assemblies for a wide range of ophthalmic applications.



## Integrated Supply Chain Solutions

From concept through production, we provide end-to-end support for complex ophthalmic programs. Our capabilities span:

- Stainless steel and nitinol capillaries
- Nitinol processing
- Laser cutting
- Laser welding
- Laser ablation
- Grinding
- Complex machining
- Injection molding
- Complex sub-assembly

This vertically integrated approach enables streamlined development, improved consistency, and reduced supply chain complexity for our customers.

## Program Expertise

We support a wide range of ophthalmic device programs, including:

Specializing in nitinol and stainless steel, delivering high-performance solutions for medical implants and surgical instruments.

### Minimally Invasive Glaucoma Surgery (MIGS)

- Stent implantation devices
- Drug delivery devices
- Surgical devices

### Vitreoretinal

- Vitrectomy surgical systems and instruments
- Vitreous cutter blades
- Microforceps, endoilluminators, and backflush instruments
- Laser probes, trocars, and handles

### Cataract Solutions

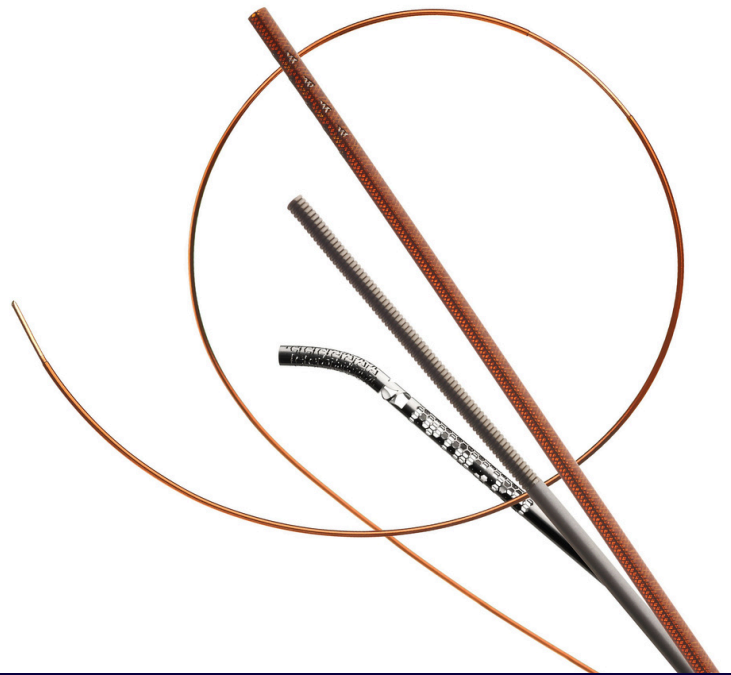
- IOL delivery devices
- Surgical devices and tools



# Lightspeed Labs: Accelerating Development

Our Lightspeed Labs® provide rapid prototyping and development support to help move ophthalmic programs forward with speed and precision. Located across the globe, these labs enable close collaboration, faster iteration, and efficient transition to manufacturing.

With a range of tubing and materials readily available, teams can quickly iterate designs and move efficiently through early-stage development.



## Custom Drawn Tubing for OEMs

For mid-to-large OEMs, we offer high-quality semi-finished stainless steel tubing designed for ophthalmic surgical systems and instruments. This capability supports customers seeking reliable material supply with consistent performance and scalability.

## Your Partner in Ophthalmic Innovation

Whether developing next-generation glaucoma treatments, surgical instruments, or delivery systems, we provide the capabilities and integration needed to move programs forward efficiently.



## Precision Cleaning

Advanced vacuum cleaning processes ensure the internal diameters of even the smallest tubes are thoroughly cleaned every time. By drawing solvent into tight geometries and micro-features, this approach removes contaminants that traditional methods can miss, delivering clean, dry, and residue-free components.

## Insert and Overmolding

On-site tooling design and build allow for greater control and faster iteration during development. Automated, high-volume plastic injection molding ensures repeatability at scale, while insert and overmolding techniques enable precise integration of components for enhanced performance and reliability.

## Vertical Integration

Our end-to-end capabilities across design, prototyping, manufacturing, and assembly provide a seamless path from concept to production for ophthalmic devices. This level of integration reduces handoffs, improves consistency, and helps accelerate time to market.



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