



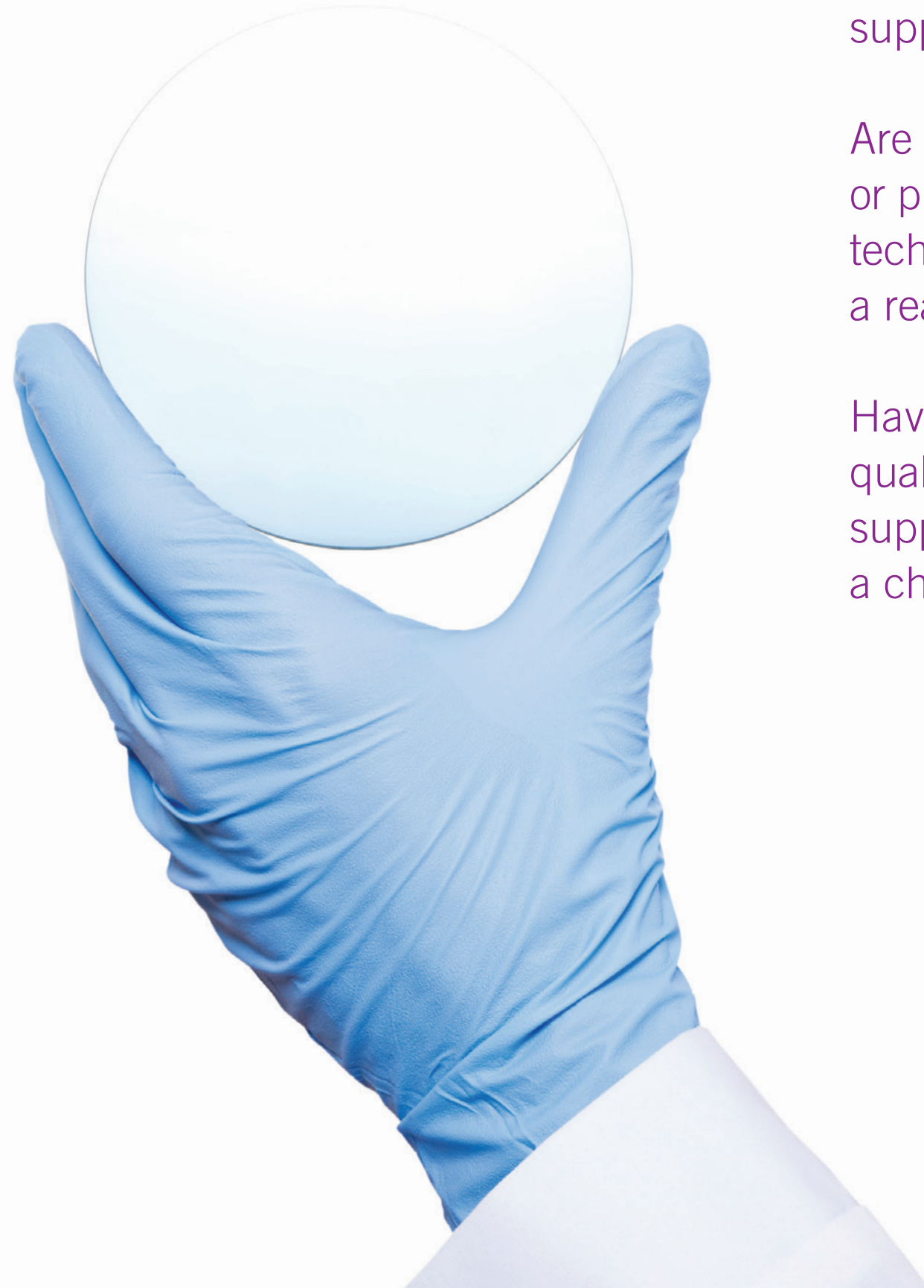
ios™ Optics
Precision from every angle.

ios™ Optics

We are committed to manufacturing components that impact the quality of people's lives.

ios™ is dedicated to the lasting success of our customers and are here to accompany them through corporate evolution and product innovations. Our customers come to us for prototypes, optical services and an array of optical components.

We are a long term business partner dedicated to providing superior client service.



Let us service your needs.

Do you need a precision optics supplier for an existing product?

Are you bringing a new product or prototype to market and need technical expertise to make it a reality?

Have you been encountering quality issues with your current supplier and you need to make a change?

Competitive Advantage

The ios™ Optics competitive advantage stems from our service oriented culture and nearly 40 years of fabrication experience. We provide our customers superior value because we have:

- Quick turnaround for your most demanding projects
- Appointed teams to assist you with prototype and quick turnaround projects
- Dedicated programs for customers moving from prototype through to full production
- Assigned systems engineers devoted to resolving manufacturing issues
- Customized production including ability to deliver any/all of the following: raw materials, fabrication, coating, assemblies and testing
- Contracted projects including low volume/one-off orders through to high volume mass production
- Developed in-house precision tooling service for new products and/or specifications
- Experienced senior management—over 160 combined years in the optics industry
- Skilled production staff—averaging 15 years in optics manufacturing

Market Spectrum

Our filters, lenses, light pipes, mirrors, prisms and windows are used in a variety of goods worldwide. The following is a list of how our optics can generate and process light when integrated into specific industry products:



Laser

- Bandpass filters
- Beam amplification
- Beam delivery system
- Beam manipulation
- Beam profile
- Calibration
- Laser line filters
- NDF (Neutral Density Filters)

Bio Medical + Life Sciences

- Bandpass filters
- Beam delivery system
- Beam manipulation
- NDF (Neutral Density Filters)
- Spectral imaging & synthesis
- Spectral irradiance & illuminance
- Spectral radiance & luminance

Research + Scientific

- Bandpass filters
- Beam analysis
- Calibration filters
- Hot & cold mirrors
- Infrared Imaging
- Laser line filters
- NDF (Neutral Density Filters)
- R+D/Prototype fabrication services

Semiconductor

- Calibration filters
- Calibration systems
- Alignment targeting system
- Photomask targeting system
- Hot & cold mirrors

Test & Measurement

- Beam analysis
- Beam detection system
- Beam reflectance system
- Calibration filters
- Calibration systems
- Detector standards
- Hot & cold mirrors
- Laser line filters
- NDF (Neutral Density Filters)
- Opto-mechanical subassembly
- Spectral imaging & synthesis

Avionics

- Beam detection system
- Calibration systems
- Detector standards
- Navigation control
- Spectral irradiance & illuminance

Solar

- Beam amplification
- Beam manipulation
- Beam profile
- Spectral irradiance & illuminance
- Spectral radiance & luminance



Manufacturing Spectrum

Bandpass filters
Beam amplification
Beam analysis
Beam delivery system
Beam detection system
Beam manipulation
Beam profile
Beam reflectance system
Calibration
Calibration filters
Calibration systems
Detector standards
Hot & cold mirrors
Infrared imaging
Laser line filters
Navigation control
NDF (Neutral Density Filters)
Opto-mechanical subassembly
R+D/Prototyping fabrication services
Spectral imaging & synthesis
Spectral irradiance & illuminance
Spectral radiance & luminance

Angle
< 10 arc seconds

Centration
< 1 arc minute

Diameter
< 1 mm to 500 mm

Flatness
Up to $\lambda/20$

Parallelism
< 1 arc second

Surface Quality
80-50 MIL-SPEC to 10-5 Laser Quality

History

Founded in 1974 ios™ Optics, then OpticFab, produced a single product: beams splitter cubes, in the back of a machine shop in Palo Alto. Shortly thereafter, they moved to a barren 1,000 sq. ft. shop in Santa Clara. In 1980, the company was purchased by former Spectra Physics manufacturing engineer Douglas Fitzpatrick who grew the company by increasing the product and service offerings over the next three decades.

Today, the company is known as an industry leader in custom optics and occupies a two acre lot just a half mile away from its humble beginnings. Although the size of the company has changed—the character has not. Our team members are experts in their domain and possess a true passion for the products they produce. Our management team is comprised of industry veterans having worked on thousands of projects; together they have over 160 years of experience and a deep understanding of the industries we serve.

ios™ Optics distinguishes itself from the competition by consistently anticipating and responding to the needs of its customers. We are both a supplier and a partner committed to the long term success of our clients.

A decorative graphic consisting of two overlapping triangular shapes. The larger triangle on the left is a dark blue color, and the smaller triangle on the right is a purple color. They meet at a point in the center of the page, creating a white space between them.

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