

NEWS RELEASE

Precision Glass & Optics (PG&O®)

3600 West Moore Ave.
Santa Ana, CA 92704
Contact: Dan Bukaty Jr.
Phone: 714-540-0126
Fax: 714-540-1482
E-mail: info@pgo.com
Web Site: www.pgo.com

Media Contact: Marlene Moore

Smith Miller Moore
Phone: 818-708-1704
www.smithmillermoore.com
info@smithmillermoore.com

For Immediate Release

PG&O® Provides Highly Precise, Large Polished Optics

- High precision surface quality on prisms and other optics up to 30" diameter

Santa Ana, CA – June 28, 2022 – Precision Glass & Optics (PG&O – www.pgo.com),

a global leader in optical manufacturing, precision thin-film coatings, and complete optical solutions, offers precision optics on large polished substrates up to 30" in diameter.

Customer specifications that can be applied to the large format glass include polishing up to 30", flatness/transmitted wavefront equal to $\Lambda/30$ over any 6" diameter, with parallelism at 1 arc second, angles to 1 second, and surface roughness at 2 angstroms. The company's scratch-dig specifications for prisms and other large optics are at 20/10, also known as "high precision" quality. With eleven continuous planetary polishers (CPs), including a state-of-the-art 96" CP, PG&O manufactures finished plano optical components with exceptional flatness and uniformity.



Dan Bukaty Jr., president of Precision Glass & Optics, notes, "We are excited to announce our new large optics manufacturing capability with high precision quality standards. When creating large optics, especially large prisms, it's critical to approach the job in such a way that high-precision-quality flatness and angles on all surfaces are maintained. It's a challenge that we meet by applying customers' specifications to our vast and varied inventory of optical materials, and offering a one-stop solution for large, highly-precise polished optics."

NEWS RELEASE

PG&O provides reliable and cost-effective finished optics, precision thin-film coatings, and turnkey optical solutions for operation in the 200 nm to 2500 nm wavelength. To learn more, please visit www.pgo.com.

Precision Glass & Optics (PG&O®) – www.pgo.com– PG&O provides complete turnkey optical solutions for operation in the 200 nm – 2500 nm wavelength range. Our extensive glass substrates inventory combines with our expanded polishing services, and other fabrication capabilities such as CNC machining, slicing, sawing, scribing, edging, and assembly, to deliver reliable and cost-effective finished optics and precision thin-film coatings. Ask about our unique re-polishing services that can salvage fabricated thin-film optics. This can save an optics manufacturer time and money by replacing a dielectric coating that has been damaged or does not meet the specifications.

We have three large coating chambers, and an expert, in-house engineering staff to assure continuity and supply optical solutions to meet the mission-critical demands of military, aerospace, biomedical, imaging, laser, avionics, digital cinema, life sciences, solar, display, homeland security, automotive, and emerging markets. From simple optics and plano optical components to complex shapes, precision and multilayer thin films, intricate assemblies, and custom optical design solutions, PG&O is your key supplier.

#