



Precision Glass and Quartz Operations

- Precision Bore (PB) Shrinking
- Glass and Quartz Components
- Glass Lathe Fabrication
 - Traditional & Auto Lathe
 - Glass-to-Glass Seals
 - Glass-to-Metal Seals
 - Graded Seals
- Precision Glass Envelopes/Bulbs
- Precision Grinding and Polishing
 - Concentric Grinding
 - Centerless Grinding & Polishing
- Cutting & Special End Finishing



PEG

PRECISION ELECTRONIC GLASS
Innovation. Technology. Service.

1013 Hendee Road
Vineland, NJ 08360-3295 USA

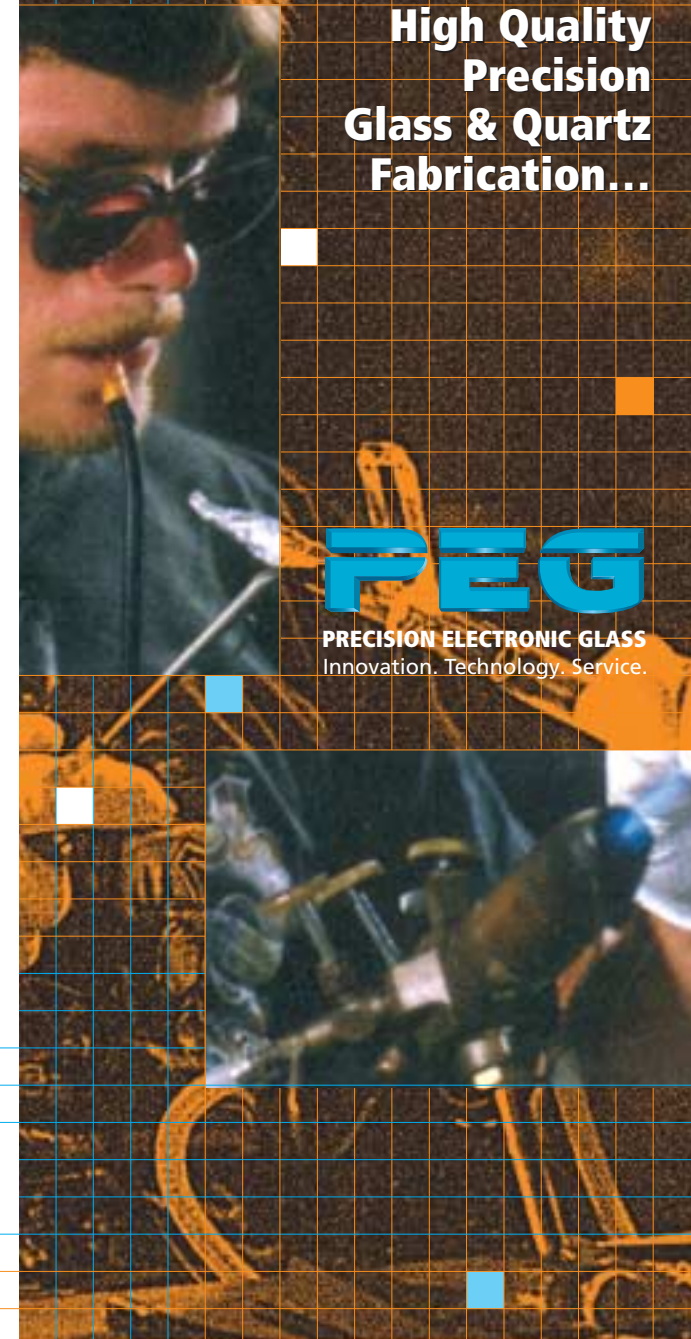
Phone: 800.982.4734 or 856.691.2234 • FAX 856.691.6778

www.pegglass.com • e-mail: info@pegglass.com

High Quality Precision Glass & Quartz Fabrication...

PEG

PRECISION ELECTRONIC GLASS
Innovation. Technology. Service.





PEG's shrinking machine in action.

...Crafted To Your Specifications By People Who Know Glass & Quartz

With new technology placing greater performance demands on components, it is important to deal with a glass and quartz fabricator who understands the material properties and your design specifications. Because there are many different formulations, each with its own set of chemical and physical properties, choosing the right glass or quartz can mean the difference between success or failure on a project. At Precision Electronic Glass, we have years of experience helping customers choose the right material for a wide variety of highly sophisticated applications.

For more than 40 years, Precision Electronic Glass has been incorporating the highest level of quality possible into every product shipped. Our in-house capabilities allow us to handle prototypes as well as large production runs. We will provide you with the highest quality precision crafted glass or quartz products available in the market today.

A Quality Management System Registered to the ISO 9002 Standard Ensures Consistent Quality and Performance

At Precision Electronic Glass, our unique combination of custom craftsmanship, dedication to quality, and on-time performance ensures complete customer satisfaction.

Our production equipment and statistical process controlled (SPC) manufacturing and inspection procedures assure quality through the entire job cycle.

Our operators certify each operation. Utilizing calibrated measuring equipment, operators and inspectors check to make sure that specifications are being met. All gauging equipment is subject to recall and calibration on a prescribed schedule. All calibration is traceable to national standards.

When you deal with Precision Electronic Glass, you get the experience, the glassworking capabilities, and the commitment to total quality needed to meet your specifications or product needs.



PEG uses the latest technologies, like SmartScope to ensure quality.

High Quality Grinding & Polishing of Glass and Quartz Tubing, Rod, or Ingots

With greater sophistication demanded by new technology, we are approaching a new generation in precision diameter requirements. We can grind and polish very precise cylindrical Outer Diameters (OD) up to 6" (152mm) and can hold wall concentricity tolerances to .0005" (0.013mm) or better, if specifications require it.



Applying precision standards to grinding operations.

Clean Room Capability

Available for special Precision Bore (PB) applications. Our bestbore tubing offers the best quality ID surfaces with the highest dimensional repeatability in the glass industry.

Precision Bore Tubing that Meets or Exceeds Your Inner Diameter (ID) Requirements

With our years of glassworking experience, you're assured we can cost effectively meet or exceed specifications for both glass and quartz precision bore tubing. With 1 to 20 burner machines and more than 140 spindles, we have the ability to accommodate small to large runs. We shrink Inner Diameters from 0.007" (0.18mm) up to 10" (254mm) with tolerances of $\pm 0.05\%$.

Flexible Cutting and End Finishing Capabilities Allow Virtually Unlimited Design Options

Our precision cutting and end finishing capabilities meet the most demanding requirements for length, perpendicularity, parallelism, and flatness.

Experienced Glass Lathe Operators Produce Precise Components for Sophisticated OEM Applications

Glass-to-glass and glass-to-metal sealing operations are critical to many highly sophisticated applications. Glass components for X-ray tubes, analytical instruments, infrared detectors, and photomultipliers are just a few examples of our precision glass lathe capabilities.

