



Precision Glass Forming & Blowing

CiDRA® Precision Services, LLC manufactures precision OEM glass and quartz components and assemblies for industrial and scientific applications. Whether your application requires glass blowing, forming or machining, CiDRA® Precision Services, LLC has the technology, know-how and experience to meet your needs.

Precision Glass Forming & Blowing

- Precision Forming and Blowing of Complex Components
- Cylindrical and Asymmetric Geometries
- World Class Precision Machining
- Years of Experience and Know-how
- Aggressive Customer Focus
- Rapid Order Fulfillment
- Quality, Quality, Quality



Applications

- Precision Rods & Tubes
- Flow Cells
- Flow Meter Tubes
- Pump Components
- Reaction Vessels
- Windows
- Chemical Apparatus
- Laser Components
- Precision Bore Pistons

CiDRA® Precision Services, LLC combines world class glass forming and precision machining services with many secondary operations such as silk screening, hardening and sealing to provide complete integrated glass solutions. With micron level tolerances and pristine finishing, CiDRA® Precision Services, LLC has become synonymous with quality and on time delivery. If you are working with glass, your tolerances tight and your requirements for quality uncompromising, CiDRA® Precision Services, LLC is the partner for you.

Capabilities

- Precision Heat and Vacuum Shrinking
- Custom Tubing Sizing
- Lathe or Free Hand Shaping
- Centerless, Concentric & Surface Grinding
- Slicing, Dicing, Milling & Drilling
- Flat, OD & ID Mechanical and Flame Polishing
- Glass-to-Glass and Glass-to-Metal Seals
- Thermal and Chemical Strengthening
- Silk Screening, Labeling and Silvering
- Subsystem Assembly
- Engineering Support

Specifications

Parameter	Specification
Custom Tubing Components	
<i>Max Tubing Diameter</i>	153mm
<i>Min Tubing Diameter</i>	350um
<i>Formed Tube ID Tolerances</i>	+/-8um
<i>Formed Tube OD Tolerances</i>	+/-8um
<i>Maximum Lengths</i>	>3.5m
Materials	Borosilicate, Soda Lime, Fused Quartz, Fused Silica
Grinding & Dicing Tolerances	+/-5um

For more information about CiDRA® Precision Services, LLC and to discuss your application, contact Customer Services at (203) 774-4422.