**Industries We Serve**

**Medical Devices**
Optimax provides OEM optics for a femto-second laser in an innovative 3D surgical platform.

**Aerospace**
Optimax has supplied NASA with high quality imaging lenses, for projects like Mars Rovers, designed for position sensing, mapping landforms, and optical analysis.

**Semiconductor**
Optimax produces optics behind some of today’s most breakthrough technologies — including semiconductor/solid-state lighting and displays.

**Optimax Difference**

**Aspheres**
Optimax makes aspheres for UV, Visible and IR applications using proprietary “grind & shine” techniques to produce low scatter surfaces.

**Freeforms**
Optimax can manufacture freeform optics that are designed for systems that require fewer elements, lighter weight and increased flexibility, which increases overall performance of systems.

**Coatings**
Optimax provides coatings to reduce risk and production time on finished, complex optics. Our clean environment, thin film coating lab has the capability to coat from UV through IR wavelengths.

For more information visit
www.optimaxsi.com/capabilities
Optimax manufactures the optics behind breakthrough technologies in aerospace, defense, semiconductor and medical devices. Our advanced manufacturing system allows us to test and deliver highly complex optics with the speed and performance your programs require.

We manufacture optical components, including:

- Aspheres
- Optical Domes
- Spheres
- Prisms and Flats
- Cylinders
- Freeforms

Our facility has diverse capabilities for making a variety of optical components up to 500 mm in diameter. We offer a wide range of optical materials for specialized applications from the deep ultraviolet (DUV) to the far infrared (FIR), including:

- All optical glasses and fused silica
- Optical crystals - CaF$_2$, MgF$_2$, ZnS, ZnSe, Ge, Si, Sapphire
- Optical ceramics - Spinel, AION, Clearceram, Zerodur

Optimax incorporates a broad range of manufacturing technologies from which we can choose the best process for your requirements. Fabrication capabilities range from conventional machinery to highly deterministic CNC machining, including:

- CNC subaperture polishing for aspherical and toroidal surfaces
- Magneto Rheological Finishing (MRF)
- Optimax patented VIBE polishing

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