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Precision Laser Processing for Challenging Materials

Need a reliable solution for machining brittle, hard, or delicate materials? AdValue Photonics provides laser processing services for glass, ceramics, sapphire, diamond, and other advanced materials. Our laser-based processes enable precise cutting, drilling, scribing, marking, and selective coating removal while minimizing mechanical stress and material damage.

Whether you require prototype quantities or production-scale processing, our laser systems can meet the demands of manufacturers.

We process:

- **Glass materials including borosilicate, fused silica, quartz, and soda lime glass**
- **Technical ceramics such as alumina and aluminum nitride**
- **Ultra-hard materials including sapphire and diamond**
- **Selective removal of conductive coatings, thin films, and metal layers**

Contact us to discuss your application requirements and sample processing opportunities.
 Check out our [website](#) for more material processing applications!



AdValue Photonics Overview:

As a leading manufacturer of innovative fiber lasers and amplifiers, and leveraging our unique capabilities in laser glasses and fibers, we deliver groundbreaking products to our customers.

- ◆ [Nanosecond](#) Fiber Lasers at wavelengths 0.5 μ m (Green), 1 μ m, 1.5 μ m, 2 μ m : **EVEREST_{nano}**
- ◆ [Picosecond](#) Fiber Lasers at 0.5 μ m (Green), 1 μ m : **EVEREST_{pico}**
- ◆ [Single-Frequency](#) Lasers (CW and pulsed): 1 μ m, 1.5 μ m, 2 μ m
- ◆ [2 \$\mu\$ m family](#) Lasers and Amplifiers : ns/ps/fs pulsed, single-frequency, CW, broadband
- ◆ Fiber Laser [Components](#): couplers, isolators, circulators
- ◆ [Laser Machines](#) for material processing: glass, ceramic and diamond

*Manufactured in the Optics Valley,
Tucson, Arizona, USA*

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