

Jan. 2026

## Laser Diamond Slicing and Cutting Machine

Our [Laser Diamond Slicing and Cutting Machine](#) delivers exceptional performance, producing precise, narrow cuts with flawlessly smooth edges. Designed for versatility, it supports advanced processing of both lab-grown and natural diamond samples. Leveraging a proprietary laser cutting method, this machine ensures high-speed, high-precision, and superior-quality results, addressing the inefficiencies and yield limitations of traditional diamond cutting techniques. Elevate your diamond processing with unmatched efficiency and excellence.

- ◆ Applications: Slicing, trimming, and shaping
- ◆ Fast cutting speed promotes high productivity
- ◆ Small kerf taper with minimal material loss
- ◆ Cut surface is smooth on both sides, with high quality
- ◆ Excellent cutting consistency and high product stability



If you are interested in this breakthrough equipment, email us at [contact@advaluephotonics.com](mailto:contact@advaluephotonics.com).

AdValue Photonics also offers [precision diamond processing services](#) alongside [high-quality diamond plates](#), which feature dimensions of up to 20x20mm<sup>2</sup> with 3mm–50µm thickness.

Please come to visit us at Photonics West during 20-22 January, 2026.  
Our booth number is 1267.

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WEST**

### **AdValue Photonics:**

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 0.5µm (Green), 1µm, 1.5µm, 2µm
- ◆ [Picosecond](#) Fiber Lasers at 0.5µm (Green), 1µm
- ◆ [Single-Frequency](#) Lasers (CW and pulsed): 1µm, 1.5µm, 2µm
- ◆ [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*