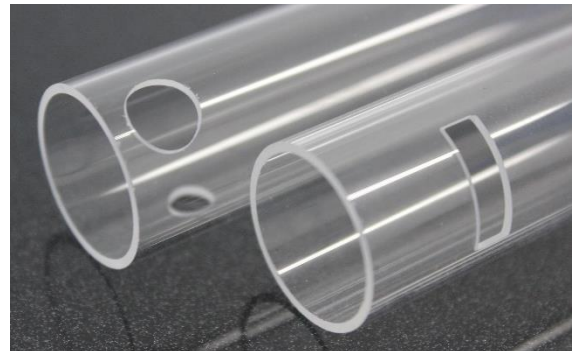


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Glass Drilling Machine Showcase: Quartz Tube Processing

AdValue's Laser Glass Drilling Machines effortlessly process quartz tubing with unrivaled speed and precision. Any shape of cut is possible, including circles, rectangular slots, squares, and irregular shapes. This cutting-edge processing solution features

- Ultrafast drilling
- Zero-taper cut edge
- Precise features with minimal chip size
- Energy efficient with no consumable costs



This technology offers a “green” fabrication process. No cooling water is needed as conventional mechanical processing or waterjet cutting. The machine is equipped with a state-of-the-art fiber laser, motion system, camera alignment system, and granite surface plate to provide low maintenance cost, high precision and to boost productivity.

[Laser Glass Drilling
Machine Spec Sheet](#)

Check out our [YouTube page](#) for examples of [circle](#) and [square](#) holes in quartz tubes.

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 drilling, glass cutting and ceramic cutting

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

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