

PhotoMachining Challenge Organization Overview Script

Founded in 1997, PhotoMachining is a world leader in the innovative technology that makes precision laser micromachining of otherwise unmachinable parts and materials a routine job. **Photomachining's wide variety of lasers, including femtosecond, picosecond, excimer, DPSS, fiber and CO2 systems**, allows the company to respond to customer demands for micromachining tough, fragile and exotic materials with the highest precision and while maintaining tolerances on a micron scale. The wavelengths available span the ultraviolet to far infrared and pulse durations from **femtoseconds to microseconds** permit virtually any material to be laser micromachined.

PhotoMachining provides high precision laser micromachining contract manufacturing services and systems to the medical, aerospace, display, microelectronics and other industries with diverse applications such as manufacturing of precision medical devices such as stents and angioplasty catheters and balloons, semiconductor wafer processing, cutting and scribing of ceramic substrates, removal of dielectric materials from flexible circuits, wire stripping and high speed marking for the microelectronics industry and much more.

Photomachining proudly brings together the most skillful, experienced and talented research scientists, engineers and technicians in the industry to design, build and operate laser systems to exceed customer expectations.