

LASER LIGHT

TECHNOLOGIES

Precision Driven

30 years of providing clients with proven solutions that deliver project success.

For over 30 years, our engineering and high-technology laser micromachining capabilities have solved the most complex manufacturing problems. It's the kind of precision thinking that has benefited companies specializing in everything from medical devices and life sciences to microelectronics.

While we could say more about our proven capabilities, our actual case studies speak volumes about why so many clients turn to Laser Light for solutions-focused thinking. It helps deliver the assurance you require that we will meet all your manufacturing specifications, timeframes and budget requirements.

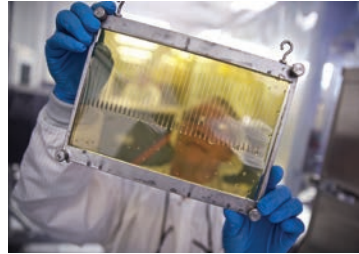
Implantable Medical Device

Problem: A Silicon Valley startup required laser drilling services for an implantable medical device that was in the R&D phase of production. Often vendors are hesitant to work with startups because of tight budget constraints, limited resources and the risk of an uncertain venture.

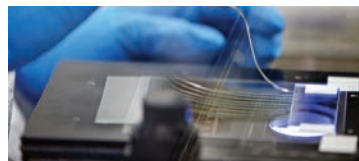
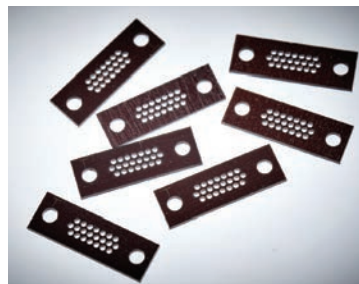
Solution: Laser Light took the risk and developed a working relationship with the startup. Our engineers assisted in the medical device development and even created a successful manufacturing process. During the FDA approval process, the startup required higher volume orders in shorter timeframes. Our solution was a dedicated laser system to handle production for improved efficiency and lower costs.

Manual Pipette Component

Problem: A prominent life science instrumentation company required laser marking labels onto each of their manual pipettes. The pipettes are used in medical



Laser
micromachining



and research environments and require the utmost care during processing. The client lacked the infrastructure and expertise to meet production demands.

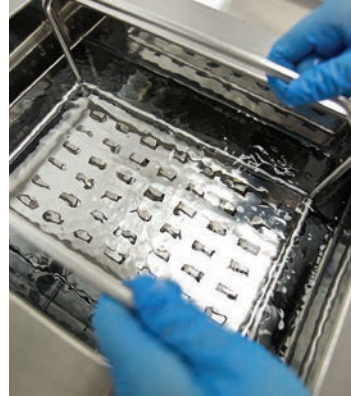
Solution: Laser Light Technologies partnered with this client to develop viable solutions to laser mark the pipette components. The quality of the laser mark was essential to the client because of the significance in the end function usage. Laser Light consistently met all volume and quality requirements and this was maintained even as business grew and manufacturing demands increased.

*We manufacture more than a part that meets your specifications.
We deliver reassurance for your project.*

Intravenous line valve

Problem: A medical component company was utilizing a laser machining company to process intravenous line valves. The extensive handling and laborious machining process pushed the laser company's price up and negatively impacted the medical component company's profit margins.

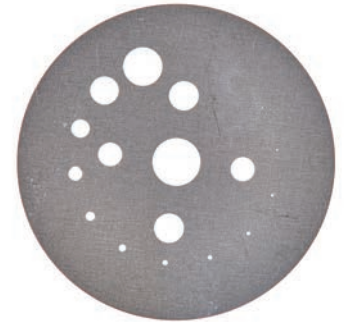
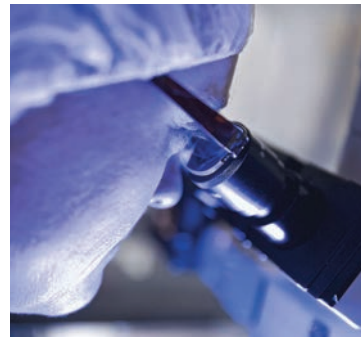
Solution: To eliminate manual part loading and unloading, our engineers designed an automated system. They also developed a quicker process where two holes were drilled simultaneously using beam splitting. This let us offer a competitive price and help the client remain profitable.



Industrial print-head component

Problem: A Fortune 500 company that produces industrial print-heads needed a supplier for a component containing laser drilled holes. The previous supplier had issues maintaining quality and on-time delivery.

Solution: Laser Light provided guidance in the R&D phase, helped select component material and invested in several dedicated laser systems to meet the production demands. We also keep a 16-week stock of processed and packed parts to maintain just-in-time delivery. These kind of solutions have resulted in a twenty-year partnership that is still going strong.



Sub Micron Part Inspection



Contact us today at (888) 231-0052 for a quote or to learn more about how our people and laser technology can benefit your next project.

At Laser Light, the most important thing we make is a difference.