

Send your components to market faster using digital laser converting technology.

Design changes are inevitable throughout prototype development. Digital laser converting technology offers flexibility ideal for the creation of prototypes. Using metal dies as a production method presents many constraints that are eliminated utilizing precision laser converting. Die production and storage is time consuming and costly and once a die is created, the design is static and revisions require downtime to create new dies. In contrast, the laser converting process is completely digital and utilizes vector files to guide the processing of the laser. Therefore, implementing design revisions is as quick and simple as opening a new file. We accept design files in the following formats: Adobe Illustrator AI or EPS, PDF, AutoCad DXF or DWG. This process eliminates the time and cost associated with creating new dies each time a design change is required. As a result, you are able to develop and test your prototypes without extensive production delays.

Additionally, if your component falls outside of traditional medical device applications, our experienced process development staff will work with you to tailor a solution to fit the unique requirements of your application. We offer confidential process development to assist customers in taking full advantage of our LaserSharp® technology. The MicroMed Solutions group will test your materials and help you develop new manufacturing processes using laser converting technology.

Our patented digital converting technology makes processing short run orders, prototypes, and full scale production runs all cost-effective. With no upfront tooling costs, fast turnaround, and the ability to respond rapidly to design changes, digital converting is an economic production solution for medical device manufacturing.