

PRODUCT RELEASE

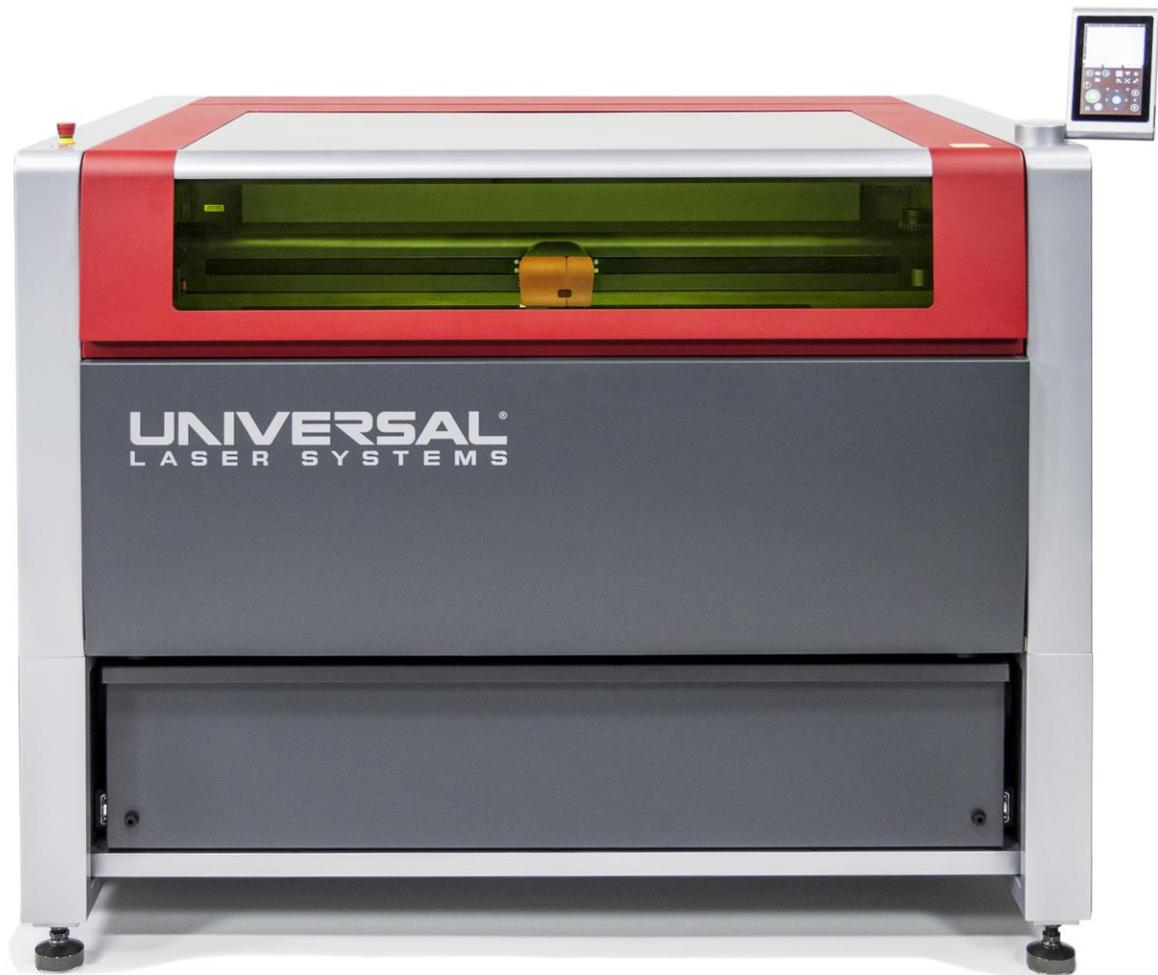
For Immediate Release

Universal Laser Systems[®] Expands Portfolio of Laser Materials Processing Systems with the XLS platform

January 22, 2016 - Scottsdale, AZ – XLS platform-based laser systems are designed and ideally suited for precision 2D cutting and surface modification in product research and development, academic research, prototyping, pre-production and production environments. Major features of the new platform include rapid, high-accuracy laser beam positioning and the flexibility to be configured with 9.3µm and 10.6µm CO₂ lasers and 1.06µm fiber lasers. All lasers are air-cooled in a range of power from 10 to 500 watt for CO₂ and 40 to 200 watt for fiber lasers.

The variety of wavelengths and power ranges make the XLS highly-effective in the areas of organic material modification including plastic films, industrial fabrics, engineering plastics, laminating adhesives, composite materials and many others. Additionally, when equipped with high-power lasers, it can be used for thin metal cutting, micro-machining and direct metal marking.

For ultimate materials processing flexibility, an XLS system can be equipped with patent-pending MultiWave Hybrid™ technology, offering the broadest range of compatibility with otherwise challenging-to-process materials in industries from Aerospace and Electronics to Consumer Goods Manufacturing. This unique technology uses a combined beam of laser power containing up to three wavelengths – 9.3µm, 10.6µm and 1.06µm – in a single coaxial beam. Each spectral component of the beam is independently controlled and can be modulated in real time. To see a demonstration of XLS capabilities or to learn more about this technology, please contact: Chris Campbell at 480-483-1214 X 123 or ccampbell@uslinc.com.



With a laser power range up to 500 watts CO₂ and 200 watts fiber, the XLS Platform is designed for precision 2D cutting and surface modification. When equipped with MultiWave Hybrid™ technology, the XLS offers the ultimate in processing flexibility for a variety of materials.