# LaserSharp® LabStation Series

## AFFORDABLE LASER PROCESSING FOR LABORATORY PROCESS DEVELOPMENT

### Laser cut, perforate, score, etch or ablate in a single station.

The LaserSharp Lab Station (LS) is a lightweight, smaller laser processing system that gives you the affordable foundation you need to include laser processing in your laboratory processes. The LS can be ordered as a stand-alone laser processor or a complete turnkey system.

LS systems bridge the gap between process development and full-scale production by allowing you to test designs and concepts for feasibility before releasing them to production. By testing your process and product before manufacturing it, you can fine-tune the processing parameters to determine the best process for your material at differing speeds and for different processes, and identify potential problems before they arise, saving time and money.

For unique applications, it may be more appropriate to keep research and development in-house. The LS is ideal for process development in larger companies or for any company needing to verify proof of concept with design testing. LaserSharp preflight software (used either alone or in combination with laser equipment) helps you improve estimates and quotes by modeling production runs before you even turn on the system.

### Features
- Available as standalone unit or turnkey system.
- Sealed $CO_2$, fiber or UV Laser Processing Module.
- Small footprint.
- Patented 3rd-generation "Proton" laser controller and LightGuide® software interface.
- Industrial-grade laser engineered for 24/7 operation.
- Lasers typically air-cooled instead of water cooled, reducing shop fitting requirements.
- Sheet-feed into the work area for smaller runs or integrate roll handling equipment as needed.
- Custom configurations for your production facility requirements such as:
  - Add a variable field of view with automatic focus.
  - Add registration sensors as needed.
- Standard processing area 170mm x 170mm (6.7" x 6.7")
- Work support 300mm x 300mm (12" x 12")

### Options
- Adjustable process area from 30mm x 30mm (1.1" x 1.1") to 600mm x 600mm (23.6" x 23.6").
- Vision registration system cameras for high accuracy (x-y-θ).
- CE & UL certifications available.