



Innovative Ultrafast Laser Solutions

ADVANTAGES

Fully-integrated desktop system including:

- Solas-series laser source
- Multi-axis positioning system
- High-dynamic response beam steering
- Beam delivery
- Selection of processing parameters
- Class I safety enclosure
- Integrated on-axis machine vision system
- Optional digital and analog I/O
- Engineered composite machine base
- Desktop sized

APPLICATIONS

- Micro-machining
- Laser ablation
- Micro/Nano patterning
- 3D Tomography

SolaFab-Series

Ultrashort Pulse Desktop Micromachining
Workstations



Over thirty years experience with ultrashort pulse laser manufacturing combined with hundreds of real world projects and years of processing know-how have led to a new line of femtosecond micromachining workstations.

The SolaFab-Series encompasses everything you need to micro-machining with femtosecond lasers. This design benefits from our years of experience in combining lasers, optics, mechanics, and software to create manufacturing solutions.

The SolaFab-Series breaks new boundaries in size, performance, and price to expand the accessibility of femtosecond laser machining into new areas of manufacturing and R&D.

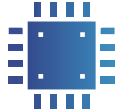
Specifications:

Laser Source	SOLAS integrated laser
Positioning system	4 inch (100 mm) X,Y stages and beam scan head with dynamic Z-axis
Vision System	On-axis LED illuminated vision system
Enclosure	Class 1 enclosure with interlocks

20 years of serving the following industries:



Life Sciences



Semiconductor



Medical



Automotive



Aerospace



Images: Image of part made during the first demonstration of industrial femtosecond laser machining at Laser World of Photonics in Munich, Germany in 1997 (left). Optical image (center) and topography image (right) of glass cover slip machined with SolaFab.



Where your imagination of the very small is realized



Clark-MXR, Inc.
7300 West Huron River Dr.
Dexter, MI 48130 USA
Tel: 1(734) 426-2803
Fax: 1(734) 426-6288

sales@cmxr.com
www.cmxr.com
<http://en.wikipedia.org/wiki/Clark-MXR>

Copyright © 2019 Clark-MXR, Inc. All rights reserved.

Due to Clark-MXR, Inc's continuous product improvements, specifications are subject to change without notice. For more information, please contact us at sales@cmxr.com or visit us at www.cmxr.com.