



# FIBERCUBE® OPEN MARKING+ENGRAVING SYSTEM

3602-XLS Series

**LASERSTAR®**  
TECHNOLOGIES

## ★ HIGHLIGHTS

- ✓ Compact, All-in-One Laser System
- ✓ High Performance MOPA Engine
- ✓ Easy to use StarFX® Premier Software
- ✓ Class 4 Open Platform
- ✓ 20-100 Watt Models

- ★ Maintenance Free Laser Engine
- ★ Air-Cooled, Compact System
- ★ Digital Hi-Speed Scanhead
- ★ Programmable Motorized Z Axis and Optional Linear X Axis (Shown)
- ★ StarFX® Premier Design Studio Software
- ★ Includes Computer Laptop (Not Shown)
- ★ Rotary Device Compatible
- ★ VisionFX™ Camera System Compatible



Shown with Optional Linear Axis  
& 360° Z-Axis Swivel Fixture

- ✓ Logos, Symbols, Barcodes, 2D Matrix, UID
- ✓ True Type Fonts, Serial Numbers, Simple Text
- ✓ Bitmaps, Graphics, Photos, CAD-Files (HPGL)
- ✓ Mark or Engrave Flat or Cylinder Surfaces
- ✓ Deep Engrave or Cut a Variety of Materials
- ✓ Advanced Color Marking on Many Materials
- ✓ Complex 2D & 3D (STL) Texture Engraving

Technical Specifications at [www.LaserStar.net](http://www.LaserStar.net)



**LASERSTAR**  
**ACADEMY™**

Our online laser academy and training courses are designed to provide you with a solid foundation of fundamental system operation skill sets.

[www.LaserStarAcademy.com](http://www.LaserStarAcademy.com)

# FIBERCUBE® OPEN MARKING+ENGRAVING SYSTEM

## 3602-XLS Series

**LASERST R®**  
TECHNOLOGIES

<b>Platform</b>	Class 4 / Open
<b>Laser Engine</b>	MOPA Pulse Fiber Laser
<b>Wavelength</b>	1064 nm
<b>Pulse Frequency</b>	Up to 4000 kHz (Model Dependent)
<b>Output Power</b>	20 - 100 Watts
<b>Focusing Optics</b>	100, 163 , 254 (mm*)
<b>Cooling Capacity</b>	Air Cooled
<b>Profile Laser (optional)</b>	Visible, red-beam pilot laser
<b>Laser Safety Compliance</b>	FDA (CDRH), CSA, CE
<b>Footprint Dimensions</b>	36"L x 26"W x 34"H / 91cm x 65cm x 86cm
<b>Country of Origin</b>	Designed, Engineered & Built in USA
<b>Warranty Coverage</b>	As Quoted

\* Additional F-Theta Flat Field Lenses available upon request  
In the interest of technical progress we reserve the right to make technical changes without notice.  
Note: the technical specs can vary depending on the laser.

FiberCube® Laser Marking+Engraving Systems are an effective tool for **hi-speed direct part marking, traceability, branding and product adornment** in an **open** workspace design. Built to the highest standards of **quality**, the 3602-XLS series robust design is an excellent solution for both **short** and **long** run product cycles.

FiberCube® Systems offer state-of-the-art technology with the highest **laser beam quality** and **80,000+ hours** of laser engine maintenance-free operation.

High **precision** markings are achievable on almost **any type of material** including **gold, platinum, silver, brass, stainless steel, carbide, copper, titanium, and aluminum**, as well as a wide variety of **medical-grade alloys and plastics**.



LASERSTAR.NET

**FX**  
PREMIER DESIGN



LASERSTAR.NET

### FLORIDA (HQ)

2461 Orlando Central Parkway  
Orlando, Florida 32809 USA  
407-248-1142 Fax: 866-708-5274  
Email: sales@laserstar.net



LASERSTARACADMEY.NET

### RHODE ISLAND

100 Jefferson Boulevard, Suite 315  
Warwick, Rhode Island 02888 USA  
407-248-1142 Fax: 866-516-3043  
Email: sales@laserstar.net



LASERSTAR.TV

### CALIFORNIA

20 East Foothill Boulevard, Suite 128  
Arcadia, California 91006 USA  
407-248-1142 Fax: 866-347-0934  
Email: sales@laserstar.net



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