

FIBERCUBE® OPEN MARKING+ENGRAVING SYSTEM

3500 Series



★ HIGHLIGHTS

- ✓ Compact, Robust Design
- ✓ Excellent OEM Integration Solution
- ✓ Easy To Use StarFX® Premier Software
- ✓ Class 4 Laser Source
- ✓ 30-80 Watt MOPA Laser Source

- ★ **Space Saving Design / Rack Mount Option**
- ★ **Digital High Speed Scanhead**
- ★ **Remote Integration Connector:**
 - ✓ Remote On/Off Laser System Switch
 - ✓ Remote Key Switch
 - ✓ Remote Reset Connection
 - ✓ Remote E Stop Connection
 - ✓ Remote Trigger "Program Start"
 - ✓ Remote Monitor "Marking In Progress"
- ★ **Dual Axis Connectors Provided (ie. Rotary & Z Axis)**
- ★ **Maintenance Free, Air Cooled Laser Engine**
- ★ **Optional Computer Laptop (Not Shown)**
- ★ **Complete Turnkey OEM Solution**



- ✓ 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 Texture Engraving



LASERSTAR ACADEMY™

Our education courses are designed to provide you with a solid foundation of fundamental laser skill sets to immediately gain a revenue impact with your new laser device.

LaserStarAcademy.com

Technical Specifications at www.LaserStar.net

Platform Class 4 / Open

Wavelength 1064 nm

Pulse Frequency Up to 600kHz

Output Power 30-80 Watts MOPA Pulse Fiber Engine

Focusing Optics 100, 163 , 254 (mm*)

Cooling Capacity Fully Air Cooled, Heat-Sink

Controller Dimensions 27.5"L x 17"W x 7"H / 70cm x 44cm x 18cm

Scanhead Rail Assembly Dimensions 17"L x 8"W x 5"H / 44cm x 21cm x 13cm

Laser Safety Compliance FDA (CDRH), CSA, CE

Warranty Coverage As Quoted

* Additional F-Theta Flat Field Lenses available upon request
Note: the technical specs can vary depending on the laser.

The FiberCube OEM Integrator Kit Laser Marking System module is an excellent solution for today's industrial material processing requirements.

The 3500 Series FiberCube offer the ultimate in solid state reliability while providing a highly versatile footprint for turnkey system integration, in-line production line installation, replacement/ retrofit of older marking technologies, etc.

High-speed, high-precision micro-marking, engraving or cutting can be achieved with the LM1A MOPA source while offering the benefits of a direct metal marking, non-contact, abrasion-resistant, permanent laser mark on almost any type of material.



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