

i-Series



The i-Series Fiber Laser was specifically designed for maintenance free OEM applications. These compact service-free lasers are designed to operate under high shock, vibration and dust conditions, with relatively high humidity and temperatures. They do not require routine replacement parts or materials; they require only a low voltage power source.

OFFERING A FULL RANGE
OF LASER MARKING AND
CUTTING SOLUTIONS



A DIVISION OF FONON TECHNOLOGY INTERNATIONAL

i-Series

SYSTEMS SPECIFICATIONS

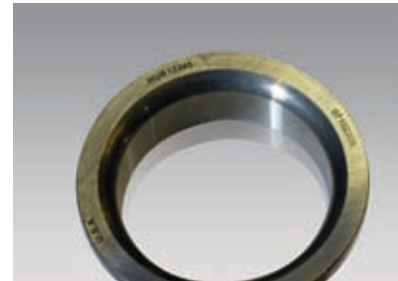
The i-Series is the most advanced, reliable, industrial grade Fiber Laser marking system available on the market today. It is easily integrated into an assembly line with or without a PC and has single or dual head configuration. Integrated design with laser, laser control and power supplies are in one housing for each of the two scan heads. The i-Series is available in Q-switch or CW configurations.

Standard Features

- Optional dual head master-slave configuration which doubles the speed of the marking process; very useful for marking a large quantity of parts with the same pattern
- Built-in I/O for integration into a production line or other equipment
- Designed for maintenance-free Direct Part Marking (DPM) applications
- Greater than 50,000 hours maintenance-free operation
- Requires low voltage power source (110/220 VAC)

Applications & Materials

- Common Applications: Alphanumeric, Logos, Serial Numbers, Part Numbers, Lot / Date Codes, Schematics, Complex Graphics, Pictures and Logos Etching (Material Vaporization)
- OCR Code Marking (Human and Machine Readable)
- Direct Parts Marking, Bar-coding, 2D Data Matrix
- Paint Removal from Plastic Surfaces
- IC Chip Package Marking
- Anodized Aluminum
- Marking "On the Fly"
- Surface Annealing
- Galvanized Metals
- Surface Texturing
- Surface Marking
- 2D Symbologies
- Surface Etching
- Painted Plastics
- Stainless Steel
- ITO Removal
- Composites
- Titanium
- Ablation
- Chrome
- Cutting
- Plastics
- Rubber
- PVC

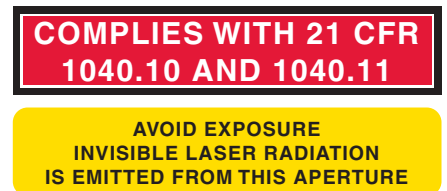


Safety Considerations During Operation

1064 nm wavelength laser light emitted from this laser system is invisible and may be harmful to the human eye. Proper laser safety eye wear must be worn during operation.

21 CFR 1040.10 Compliance

This product is designed for OEM integration into other equipment. The product is a Class 4 laser as designated by the CDRH and it does NOT MEET the full requirements for a stand-alone laser system as defined by 21 CFR 1040.10 under the Radiation Control for Health and Safety Act of 1968. It is the responsibility of the equipment manufacturer to meet all of the regulatory requirements for the final system.



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