

## *I-lase* Intelligent Laser Marker

### Advanced Control, Diagnostic and Safety Features with Extended System Life

The I-lase Intelligent laser marker offers the latest in advanced features in the laser marking industry. The I-lase system is available in a 10 or 20 Watt power output rating.

The laser controls are packaged into a slim 19" rack mount design with advanced features for monitoring and control. The system is air cooled and maintenance free.

New dual temperature heating/cooling control allow for extended system life over other technologies currently available in the industry. The system comes with a 3 year diode warranty.

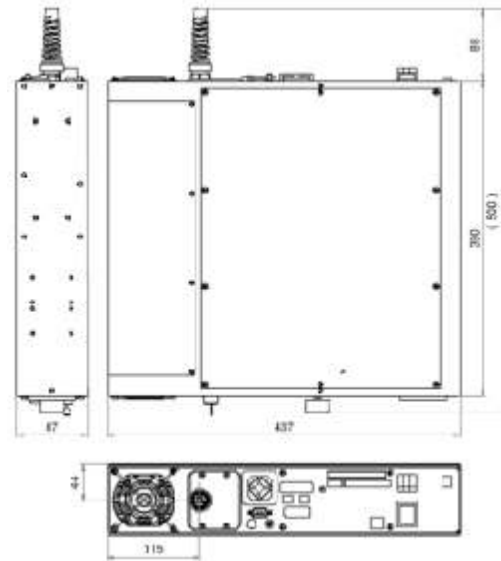
This system also features real time feedback of laser parameters and status as well as additional communication capabilities. Optional Smart Head technology allows for a mechanical shutter with a built in power meter and a variety of beam expanders.

#### Features of the *I-lase* System:

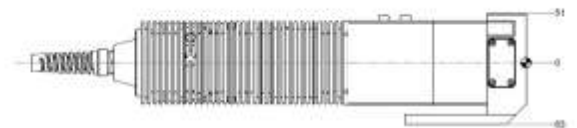
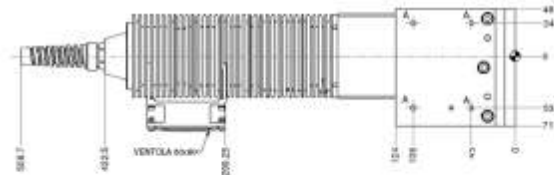
- ▶ Compact 19" rack mount design
- ▶ Air cooled, maintenance free design with dual temperature control for extended life
- ▶ Auto-diagnostic and advanced monitoring features:
  - real time system feedback
  - power output measurement
  - event logging
- ▶ Advanced communication capability:
  - Ethernet, RS232 and RS485
- ▶ Smart head technology:
  - optional mechanical shutter with built in power meter
  - interchangeable beam expander
- ▶ **3 Year Warranty**



Technical Data	
Input Voltage	115 VAC
Laser Power	<b>10</b> or <b>20</b> Watt +/- 10%
Pulse Width	<b>10W</b> - 12ns / <b>20W</b> - 20ns
Frequency Range	<b>10W</b> - 10-100kHz / <b>20W</b> - 20-200kHz
Laser Wavelength	1064nm
Aiming Beam	Class 2M Red Diode 635nm
Cooling	Air Cooled
Communication	Ethernet / RS232 / RS485
Warranty	36 Month / Unlimited Hours



Accessories
Integration Packages / Laser Workstations
Custom Software Solutions
Optional Lenses - 63mm/100mm/254mm/330mm
Interchangeable Beam Expanders
Mechanical Shutter w/Power Meter
Mark "On-the-Fly" Control Package



I-Lase is a class 4 laser product when not provided with an Ostling certified Class 1 safety enclosure.

This class 4 laser component is offered to qualified manufacturers who shall provide interlocks, indicators and other appropriate safety features in full compliance with CFR1040 and/or other applicable national and local regulations.

Laser interaction with organic or inorganic material can cause TOXIC FUMES / PARTICLES.

Full size drawings available upon request



Ostling follows a policy of continuous product improvement. Specifications are subject to change without notice.

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