



Diode Pumped YAG Series Laser Marker



Product Features

- Simple and Compact design
- Cost effective and excellent marking laser system
- Stable laser power with top quality
- 10,000 hours of lifetime per diode pack
- Easy to install and simple to use, minimizes integration cost
- Laser marking an extremely wide range of all materials and products
- Selectable Lens for customized requirement
- Q-switched operation for highest peak energy
- Windows-based software interface

Materials and Application

Laser marking and engraving an extremely wide range of steel materials and products

Steel	Gold	Silver	Aluminum	Stainless Steel	Titanium	Plastics	Labels
-------	------	--------	----------	-----------------	----------	----------	--------

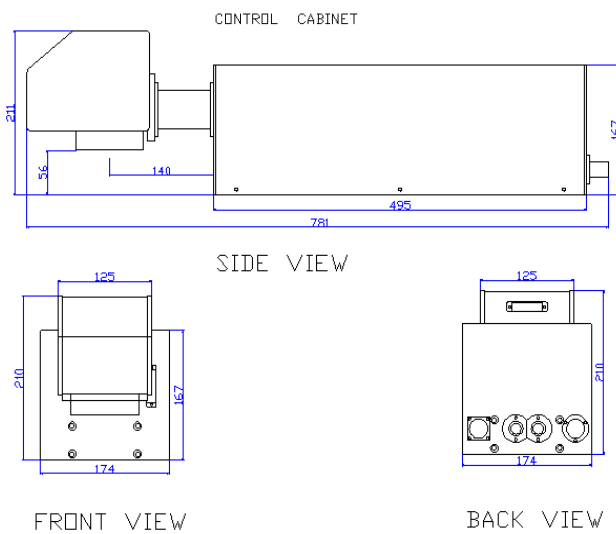
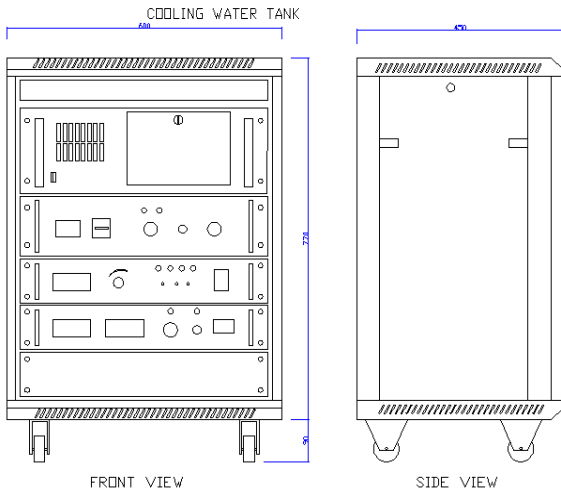
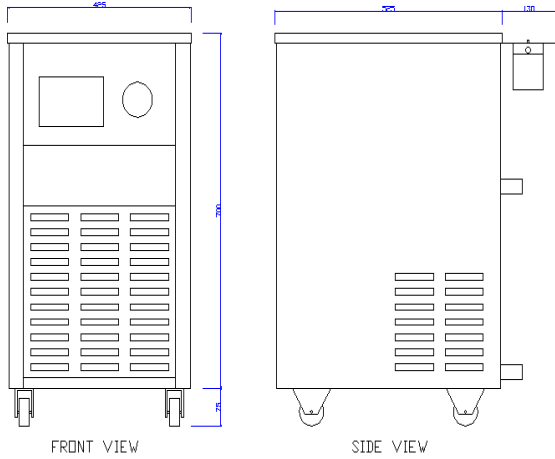
Technical specifications

Item	Technical Parameter			Remark
Marking laser	Diode Pumped YAG Laser, $\lambda= 10.6\mu\text{m}$			
Output power	50W			
Output power ADJ	0-100%			
Scanner	Galvanometer Scanner			
Compatible software	AUTOCAD, COREDRAW, PHOTOSHOP Etc			
Type of characters	Text/Date/Time Stamp/Counter/Logo/Bar code/Graphics			
	Support all TTF Font, handwriting and User-defined			
F- θ Lens	F75	F100	F160	
Working area	39mm	60mm	100mm x 100mm	
Marking speed	90m/min	132m/min	216m/min	
Working distance	93mm	109mm	175mm	
Control system modular	Compact Industrial PCI-PC			
Display	Resolving capability 1024X678 color LCD			
Operation system	MS Windows 2000			
Operating language	Chinese/English/Japanese			Optional and Customized
Interface	USB/Ethernet/RS232/RS485/Digital I/O			
Power supply	AC 115V/230 V, +/- 10 %, 50/60 Hz, 1 Kw			Customized
Cooling system	Closed looped water			
Ambient Temperature	+10°C~+30°C			
Humidity	10%~90% Non-condensing			

Difference region/application may require difference dimension/function. Please consult us for ODM service



Physical Outline



LTY-50W DIODE PUMPED YAG LASER

System Consists



- 50W side pumped diode module
- Q-SWITCH
- Q-SWITCH driver
- X-Y scanners with mirror
- X-Y Scanner driver
- Computer installed with operating software
- 15" LCD monitor
- Main control box
- f- θ LENS(selectable)
- 2,000W closed looped chiller
- Machine stand
- Working table