

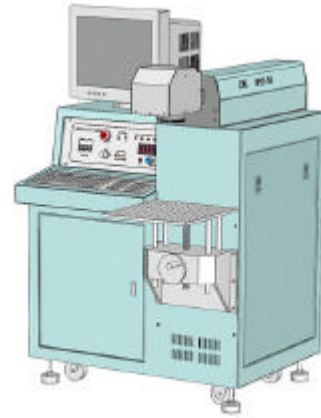


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Diode-pumped Solid-State Laser Marking Systems

We use foreign advanced laser technologies and new designs to produce our DPSS laser marking systems. Their performance is comparable with similar products in USA, but their prices are very attractive and competitive. These laser marking systems are widely used in industries such as electronics, semiconductor and precision machining for laser marking and trimming. Please visit our web sites for more pictures of marked samples.



Model	M-DPSS-50	M-DPSS-75
Laser Head		
Laser type	Diode-pumped solid-state lasers	
Laser wavelength	1064nm	
Beam diameter	3mm	3mm
Beam mode	TEM ₀₀ or low-order	TEM ₀₀ or low order
Max. laser power	50W	75W
Power stability	±0.5%	±0.5%
Q-switch frequency	Max. 50kHz	
Cooling requirement	Water	Water
Marking Head		
Scanner	High-speed optical galvanometers	
Marking field	100x100mm (others available upon request)	
Marking speed	300 characters/second or 10m/s	
Marking line	Min. 0.02mm	
Dimension	200 x 130 x 130mm	
Marking software		
Various fonts, pictures (PLT, DXF, BMP), automated series numbers, barcodes, DataMatrix		
Electrical requirements	220VAC, 2KVA	220VAC, 3KVA
Options		
XY table, XYZ table, Z-adjustable stage, chiller		

Typical Applications:

1. Laser marking of metal & non-metal materials and products: stainless steel, copper, aluminium alloy, ceramics, plastics, organics, thermo-elastomer rubbers, paper, hardware tools, name cards, turbine blades
2. Electronic industry: capacitor, inductor, PCB, IC, connector, control panel, instrument
3. Others: cosmetics, food package, bottle, gift, advertisement & sign crafts, craft & gift making