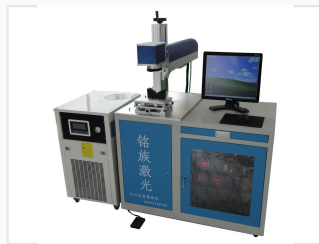


# Diode Side-Pumped Laser Marking System

This diode side-pumped laser marker is designed for precision marking applications on various materials. The system features adjustable laser parameters and a computer-controlled interface for optimal results.



## ADDITIONAL IMAGES



## Overview

### High-Efficiency Laser Marking Solution

This Diode Side-Pumped Laser Marking System is engineered for high-precision industrial applications, offering stable performance and efficient operation. With an optical conversion efficiency of up to 15% and a laser module lifespan of 10,000 hours, it provides a reliable, cost-effective solution for permanent marking tasks. The system supports versatile file formats and automated serial number generation, making it suitable for diverse materials including metals, ceramics, and plastics.

## Technical Specifications

### Cooling Mode

Water-cooled

### Marking Speed

7000 mm/s

### Tag Range

100mm x 100mm

### Minimum Character Size

0.2 mm

### Maximum Power

2 Kw

## Performance Metrics

### Core Laser Performance

**1064 nm**

Wavelength

**15 %**

Optical Efficiency

**10000 hours**

Module Life

## Software & Compatibility

### Automation Features

- Automatic serial number generation
- Production date stamping
- 1D barcode generation
- 2D QR code generation

### Supported File Formats

BMP, JPG, DXF, PLT, AI

## Applications

### Material Compatibility

Material Category	Typical Use Cases
Metals & Oxides	Medical equipment, auto parts, sanitary ware, knives
Ceramics & EP	Electronic components, IC, building materials
Plastics (ABS)	Electrical enclosures, serial numbers, logos
Ink & Paint	Panels, phone keypads, daily necessities