

YAG-75DP Laser Marking Machine

Semi-conductor pump YAG series laser marking machine employs imported semi-conductor module, high-speed optical scanner, Q switch and YAG rod, providing speedy scanning and high precision. independent self-control cool-water circulating system ensures stable performance and meet requirements on long-time running. precision etching and marking on metals and non-metal materials can be realized, marking software with user-friendly interface simplifies operation this product has been widely used in such industries as electronics, waist watches and clocks, eye glasses, automobile parts, hardware tools, plastic keys, medical apparatuses and communication products.

Features:

- ◆ Software support Windows 2000/WinXP operating system, Chinese interface, multiple languages supported.
- ◆ Supporting maximum 256 layers of color separation in graphics, gray graphics. Self-designed patterns to be processed, powerful node editing, vector graph creating, curves changed directly in the course of creation.
- ◆ Characters directly input in the software, supporting True Type, JSF and DMF; supporting self-created character data base and curve arrangement order.
- ◆ Supporting barcode font (see 1D and Datamatrix, PDF417 2D barcodes)
- ◆ Supporting liner filling and loop filling.
- ◆ Supporting changeable texts. Contents of changeable texts can be determined by multiple forms: input via keypad and serial number.
- ◆ Compatible with common graphic formats (bmp, jpg, gif, tga, png, tif, etc.) and vector graphs (dxf, dst, plt, etc.).
- ◆ Powerful image processing function (grayscale converting, white and black image converting, slope carving pretreatment, node processing, etc.)

Applicable materials and industries:

◆ Widely used in such industries as electronics, instrument, communication apparatus, packing, beverage, battery, sanitary ware, machinery manufacturing, automobile part, jewelry, watch and clock, medical apparatus, eye glasses and hardware tools. This product can be integrated into the user's production line to realize online marking.

Technical Index:

Laser power: 75W

Laser pulse frequency: <60 KHz

Length of laser wave: 1064nm

Marking scope: 50x50/100x100/160x160/220x220(Optional)

Min line width: 50μm

Min character: 0.2mm

Marker speed: 300 character/min 1mm character high 1mm

Mark deepness: ≤0.3mm

Repeat precision: ±0.01mm

Laser diode pointer: LD: <5mW, (LD red point)

Power supply: 220V (±10%)/50Hz/15A

Gross power: <2.5KW

Operating temperature: 10-35°C

Cooling style: (High precision constant temperature/closed loop water cooling)

Net weight: 225KG

Dimension: 1240x530x1370mm