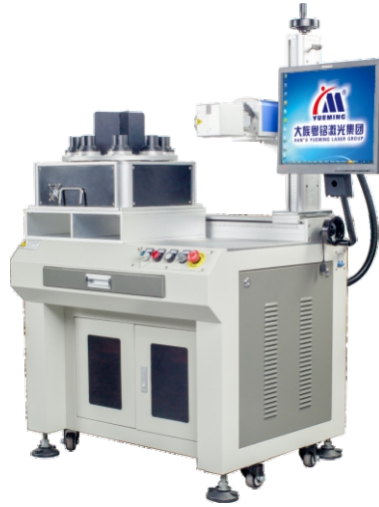# MF20–L–A Professional Fiber Laser Marker For LDE Bulb

LED holder marking | Energy saving lamp holder marking | Electronic tube marking | Lamp marking | LED holder marking

Features

1. Han's Yueming pulsed fiber laser marking machines with characteristics of special design, compact structure, small size, no laser leakage, high anti-reflection, could work without shadows and imaginary line even on high reflective materials like aluminum, copper, gold, silver etc.

2. High-speed digital scanning galvanometer with characteristics of small size, high speed, stable signal transmission etc; self-owned brand, easy maintenance and quick response to customer questions.

3. Independent developed Smart Scanner control system with multi-functions and superior performance: easy operation, Long-term free maintenance and upgrade as well as modification customization according to special requirements from customers.

4. With a double working position: 8-station work area with a multi-dimensional rotation to meet the needs of all-dimensional (360°) marking for the bulb; XY mobile platform to meet the needs of flat surface marking.

Specification

Laser wavelength	1.06μm	Frequency	50HZ/60HZ
Light Spot quality	＜1.2m²	Machine dimension	880mm X 720mm X 1525mm
Laser power	20W	Machine weight	180Kg
Pulse frequency	20~80KHz	Work environment	Clean,less dust Temp:10~ 30°C , Humidity:5~85%
Type of cooling	Air cooling		
Marking area	110x110mm(Optional)	Total power	1.5KW
Focal distance	163mm	Laser safety class	4
Working distance	188mm	Up-down adjustable distance	0~520mm
Minimum line width	0.02mm	Left-right adjustable distance	0~100mm
Minimum character	0.2mm	Marking angle	0°,45°,90°
Marking speed	0~7000mm/s	Procession work area	8-station
Graphic format supported	BMP,JPG,AI,DXF,PLT ETC.	Rotation precision	0.05mm
Supply voltage	AC220V±10%		

Material

Iron, stainless steel, aluminum alloy, zinc alloy, copper, nickel, zinc, alumina, plastic (PVC / PC / PU), ABS material, epoxy resin etc.