

# Laser Fiber Marking Machine

## EL-ML-FT



The laser beam of EL-ML-FT can offer you a very accurate marking, due to the small diameter focal spot and the easy-focusing device.

In its vertical radius, the machine has a scaleplate in order to facilitate the positioning of the laser head. It has also field lens from the USA and scanning galvanometer from ScanLAB.

The fiber laser generator has an extraordinary lifetime of 100000 hours, feature that joins the great marking speed and to its low consumption, of 0.5kw.



### Possible Materials

Metals (including rare metals), engineering plastics, electroplating materials, coating materials, rubber, epoxy resins, ceramic, stainless steel, titanium, copper, among others.

### Applicable to Industries:

Electronic components, integrated circuits, electrical appliances, sanitary ware, tools, accessories, knives, eyeglasses and clocks, jewelry, auto parts, stainless steel products, among others.

Technical Specifications	
Laser Power	20W, 30W, 50W
Laser Wavelength	1064nm
Marking Range	100x100mm - 200x200mm - 300x300mm
Minimum Line Width	0.02mm
Minimum Character Size	0.15mm
Marking Depth	Up to 0.5mm
Engraving Line Speed	Up to 7000mm/s
Repeatability Accuracy	Aprox. 0.001mm
Formats	bmp, jpg, gif, tga, png, tif, ai, dxf, dst, plt, among others
Power	220V+10%, 50HZ/60HZ
Environmental Requirements	Clean and dust free; Humidity: 5%-75%, No condensation
Optionals	Automatic rotary worktable, rotary device