



## T3 Mini Laser Marking Machine Specification

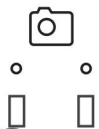
### Material compatibility & widely used

It can be compatible with various materials such as metal, some plastics, leather, stone, painted wood/cardboard, etc., and can play a role in various fields such as industry and cultural and creative industries.



### Compatible software

Standard Ezcad2 marking software, compatible with **Lightburn** to meet export requirements



### Compact and portable

The body is compact and lightweight, with only 19KG of bare body, allowing for easy marking anytime and anywhere.



### Comprehensive teaching

Provide comprehensive instructional Videos, easy mastery of marking techniques



### Rich functionality

Support multi font, multi language editing, automatic skip, date/time, file reading and other variable contents



◆ **Technical Parameters :**

Project		Product Specification		
Characteristics of the whole machine	Laser power	20W/30W/50W Optional		
	Laser type	Pulsed fiber lasers		
	Laser wavelength	1064nm		
	Output power	≥20W	≥30W	≥50W
	Marking speed	≤7000mm/s		
	Marking depth	0.01-0.3mm(depending on the material)	0.01-0.5mm(depending on the material)	0.01-1mm(depending on the material)
	Repetition rate	20-80kHz		
	Pulse width	Fixed pulse width		
	Master control system	Ezcad2		
	Cooling system	Air-cooled		
Marking parameters	Minimum line width	0.01mm		
	Repeatability accuracy	0.001mm		
	Marking range	110x110/150x150/175x175mm (Optional)		
	Targeting method	Red light preview		
	The number of lines of engraved characters	Any line within the marking range		
Software Introduction	Multi-user management permissions are supported			
	Supports reading text data through serial port			
	Powerful filling function, support ring filling			
	Supports dynamic reading of txt text files and Excel files			
	Support Windows 7/10/11 system, compatible with lightburn software			
	Support automatic code skipping, date, time and other variable marking of serial numbers			
	It supports 256 kinds of layers, and different processing parameters can be set for different objects			
	Chinese Simplified, Chinese Traditional, English, Korean, Japanese, French, Portuguese, Turkish, Thai, Russian, Italian, Vietnamese, Spanish, German			
Types of support	Font	TrueType fonts, JSF single-line fonts, SHX fonts, DMF dot matrix fonts, QR codes, and barcodes		
	File format	Compatible with BMP, JPG, PNG, AI, DXF, PLT and other image formats		
Curb parameters	Power supply	220V/50HZ 110v/60HZ Optional		
	Power consumption	800W		
	Machine size	420*330*640mm		
	Machine weight	19kg		
	Package size	Wooden box：570*400*500mm    Carton box：600*430*390mm		
	Package weight	Wooden box：27KG    Carton box：21KG		
environment	Temperature	Outside temperature0℃—45℃		
	Humidity	Humidity ≤ 95% non-condensing		



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