MLU 805/810
UV laser marking machine

Adopting a brand new intelligent vector control algorithm, the marking speed has been significantly improved. Unique laser control technology can easily identify the best printing effect on thin film materials. The machine has a compact size, low maintenance, no consumables, and provides permanent high-quality coding. Widely used in bag packaging machines, permanent and high contrast labeling ensures product traceability and is the preferred product for anti-counterfeiting and anti smuggling systems.

Easy to operate within reach

Simple integrated design ensures smooth integration into your production line, intuitive user interface and built-in wizard, which can significantly reduce operator training and make you master it quickly.

High quality products economically reliable

No consumables required,permanent identification,economically reliable identification application.
Obtain excellent products at reasonable prices to make laser technology universal.

Precise design and flexible use

German technology and excellent component design ensure a reliable and high-quality system that can handle various application scenarios.

Excellent technology endless possibilities

Intelligent management of your labeling work process from the workshop to the automat production line, allows you to easily complete multiple tasks, repeat checks historical files and other external data import or scan to obtain data sources.

Main technical parameters:

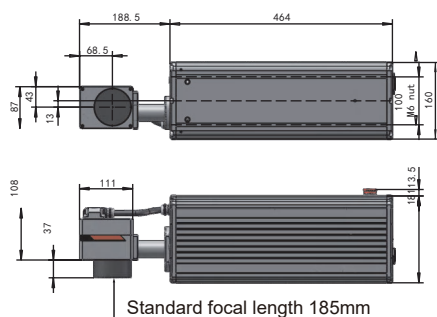| project	Parameter table	5w	10w
characteristic	Machine material	All aluminum sandblasting oxidation	
	Laser	The service life is more than 20000-30000 hours	
	Laser wavelength	355nm	
	Output power	≥5.8W	≥12W
	Marking speed	≤12000mm/s	
	Controller	10.2 inch touch controller	
	Cooling system	Water cooling (with chiller)	
parameter	Focus lens	185mm	
	Minimum line width	0.01mm	
	Repetition accuracy	0.001mm	
	Marking range	110mm×110mm(optinal)	
	Positioning mode	Red light focus,blue light indication	
	Number of rows	Any line within the marking range	
	Production line speed	0~130m/min (depending on the material)	
Software	Multilingual	English, Spanish, German, Chinese, Russian, Arabic, etc	
	Management authority	Multi user management authority	
	Operating system	Linux system	
	Marking mode	Static, analog, encoder	
	Reserved signal	Start, print status, finish, fault	
	Data protection	With power failure data protection energy	
	Monitor	Provide overs peed alarm function	
	Decross	Automatic removal of intersections	
	Coding software	Single and double machine code sending	
Support type	Fonts	Chinese and English, numbers, traditional, etc	
	File format	BMP/DXF/HPGL/JPEG/PLT	
	Barcode	CODE39、CODE128、CODE126、QR	
Servicing parameters	Power Supply	220V/50HZ	
	Power consumption	800W	
	Net weight of machine	Laser part: 15kg, flight support part: 22kg	
	Overall dimension	650mmX160mmX181mm	
environment	Requirement	External temperature: 0℃~45℃; humidity≤95%; Non-condensing; vibration-free	

sample:

ABS

Pipes

Sticker

Paint coating
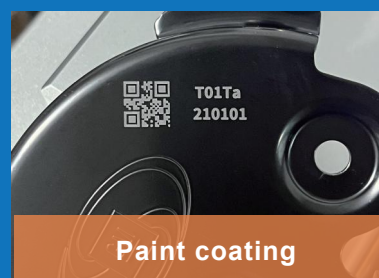
External dimensions:

Controller size:

Bracket size:

Laser head size:

Standard focal length 185mm