


## FIXAL **FX-CO2-30W** CO2 Marking Machine

Suitable for	Nonmetal products marking. Mainly in food, medicine or cosmetic packaging field.	Laser Power	30W	
Running System	Windows XP	Max. peak value Power	200W	
Software	Laser Marking Software: Marking, Graph input, Font Editor, Database Management. etc.	Font	Multiple Fonts(support Windows Font, and supports new font input)	
Marking Content	Supports PLT、PCX、DXF、BMP、JPEG to mark LOGO, or directly uses SHX、TTF font. Supports auto coding, serial nr., lot nr., date, bar code, data matrix etc.	Graph Editor	very powerful concerning LOGO marking. Fully support the input of PLT or other files.(can be exported from software like AUTOCAD OR CoreIDRAW)	
laser wave length	10.5μm - 10.7μm	Data Sourcing	Marking record will be automatically saved, can be searched.	
Repeat Frequency	≤50KHz	Power Stability	±10%	
Cooling Method	Air fan cooling	Marking Depth	≤5mm	
Marking Range	50mm×50mm	Optional Marking Range	100mmX100mm, 150mmX150mm	
Marking Speed	≤7000mm/s	Min. Line Width	0.1mm	
Min. Font height	0.4mm	Repeated Marking Accuracy	±0.01mm	
Software Name	Marking Software	Platform Range	150mm×200mm	
Positioning	Red light	Power	≤1.2KW	
Input	220V±10%/50Hz/10A	Environment	Clean, dust free, no vibration, 13℃-28℃ , humidity 5%-75%	
Optional Device	Revolver	NW	150 KG	

FX-CO2-30W major parts				
Serial	Part Name	Origin	Features	Qty.
1	Laser Marking Module	China	Metallic CO2 laser tube, long life	1
2	Galvanometer	Germany	Imported high speed galvanometer, more accurate, quicker, more reliable	1
3	F- $\theta$ optical lens	Singapore	High quality	1
4	Computer	China	PC	1
5	Frame Structure	China	Aluminum Frame Structure	1
6	Control Board	Germany	FX30	1
7	Red Light System	China	Accurate Focusing	1
8	Switch Power	Taiwan, China	Meanwell	1