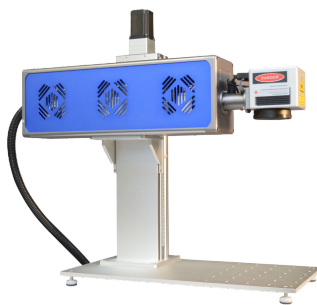


30W RF-CO2 Galvo Laser Marking Machine

Galvanometer: Technical Parameters



Model	SINO-GALVO RC1001
Manufacturer	Sino-Galvo Technology Ltd.
Digital Signal Interface	XY2-100
Input Voltage	±15V DC
Average Current	2A
Peak Current	15A
Position Signal Impedance	10kΩ (±1%)
Position Signal Input Scaling Factor	0.33 V/deg
Marking Speed	4000 mm/s
Positioning Speed	6000 mm/s
Max Setting Time	0.4 msec
Max Linearity	99.9%
Max Repositioning Drift	8 μrad
Max Long-Term Drift	0.5 μrad
Max Gain Error	8 μrad
Max Scale Drift	22 ppm/°F (40 ppm/°C)
Max Zero Drift	8 μrad/°F (15 μrad/°C)
Max Tracking Error	180 μsec
Lens Damage Threshold K9 Glass	9.1 J/cm ²
Central Distance between Mirrors	13.5 mm
Silicone Film	10 J/cm ²
Operating Temperature	32–113°F (0–45°C)
Storage Temperature	14–140°F (-10–60°C)
Laser Input Aperture	10mm
Scan Angle	± 15 °
Dimensions	100 x 95 x 120 mm
Compatible Lens Size	M85
Weight	850g



Laser Source: Technical Parameters



DAVI D30	Unit	Parameter
Wavelength	μm	10.55 - 10.63
Laser Output Power	W	> 30
Power Stability	%	± 5%
Beam Quality	M ²	< 1.2
Beam Diameter	mm	1.8 ± 0.2
Beam Divergence Angle	Mrad	7.5 ± 0.5
Linear Polarization		> 100:1
Working Frequency	kHz	0 - 25
Duty Cycle		0 - 100% DC
Weight	kg	6.5
Dimensions (L x W x H)	mm	357 x 92.5 x 142
Input Voltage		48 VDC ± 2%
Current, A	A	< 12
Cooling Method		Air-cooling

30W RF-CO2 Galvo Laser Marking Machine

SKU	FLMRFCO2-D30	
UPC	673324402388	