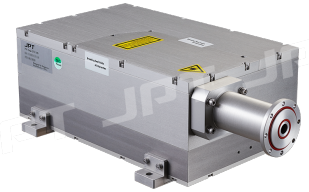


10W UV Laser Machine

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



SEAL-355-10S	Unit	Parameter
Wavelength	nm	355
Pulse Repetition Rate Range	KHZ	40-300
Pulse Duration	KHZ	18ns@60
Average Power	KHZ	>10W@60
Average Power Stability	rms	≤ 3% @ 24hrs
Pulse-to-Pulse Stability	rms	≤ 3% @60kHz
Spatial Mode		TEM00
Beam Divergence Full Angle	μrad	≤2mrad
Beam Diameter	mm	0.45±0.15
Beam Circularity	%	>90
Beam Quality	urad	M ² ≤ 1.2
Polarization Direction		Horizontal
Polarization Ratio		> 100:1
Cooling		Water-cooling

10W UV Laser Machine

SKU	FLM-UV-10W	 673324402449
UPC	673324402449	