

SHOWVEN LASER



Maiman 15 / 20



Maiman 30 / 40



Maiman 60

SHOWVEN series full-colour RGB lasers are launched based on our more than 4 years in-depth laser market research. We aimed to bring quality, premium design and cost-effective laser system to the global market. Our Maiman series full-colour RGB lasers with double-layer structure design, IP65 rated enclosure. Pure diode light source guarantee higher reliability and smaller beam divergence angle. Equipped with safety switch key, remote E-stop function etc. safety configurations ensure the safety and controllability of laser use to the greatest extent. To extend the service life of our laser we equipped with PWM fan control, noise reduction design, realtime temperature monitoring and over-temperature protection function.

Features

- √ IP65 rated water and dust protection
- √ Guaranteed optical output
- √ Safety switch key, scan-fail safety
- √ Quick locking 360° rotatable handle, easy angle adjustment.
- √ Compressed light source, spot and fiber optics ensure stronger beam, sharper spot and smaller divergence angle
- √ Analog modulation, high linearity and rich beam color
- √ TEC temperature control, split refrigeration ensure best working condition of LD
- √ Over-temperature protection ensures good performance of optical module components
- √ External dimming bracket, dimming will not damage the module cavity environment
- √ External TEC cooling module, no thermal conductive silicone grease inside the module to prevent oil and water evaporation from affecting the lens and heat from returning to the light source layer
- √ PWM fan control, silent design
- √ Realtime internal temperature monitoring and display, over-temperature protection
- √ Remote emergency stop function

Specifications

Model	Maiman15	Maiman20	Maiman30	Maiman40	Maiman60
Power Supply	AC 100-240V 50/60Hz				
Output (max)	15W	20W	30W	40W	60W
R module	4W	6W	8W	10W	15W
	LD Mitsubishi 638nm				
G module	5W	6W	10W	14W	20W
	LD Nichia 520nm				
B module	6W	8W	12W	16W	25W
	LD Nichia 450nm				
Scanning System	AT50LB ($\pm 30^\circ$ 40K)		AT50iB ($\pm 30^\circ$ 35K)	AT30H/840 ($\pm 20^\circ$ 30K)	AT30H/1040 ($\pm 20^\circ$ 25K)
Beam Size	5×6.5mm	6×6.5mm	6×7mm	6×8mm	7×12mm
Beam Divergence	<1.1mrad	<1.1mrad	<1.2mrad	<1.2mrad	<1.5mrad
Analogue modulation	100k Analog/TTL				
IP level	IP65				
Work Temp.	-20-40°C				
Weight kg	12	15	27	29	50
Dimension mm	396×270×180		495×471×226		630×495×253
System Control	FB4, Ethernet, DMX, ILDA, Auto, SD card, Sound				
Compliant with	EN60825-1:2014+A11:2021				
Safety Features	Safety Switch Key, Remote Emergency Stop System (can be connected in daisy chain), scan-fail safety etc.				

Effects

