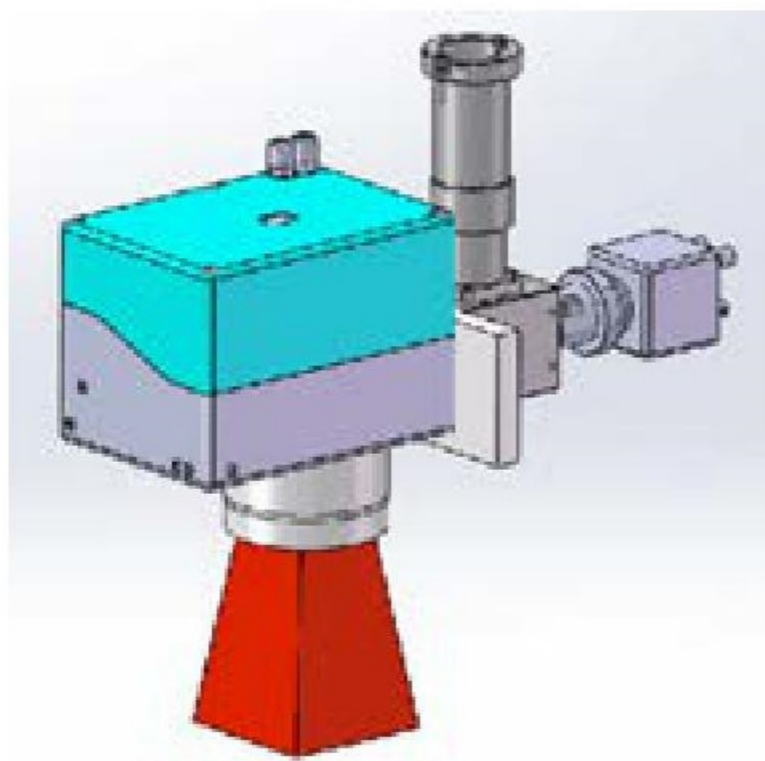


MOPA LASER SERIES

With the high beam quality of seed laser and pump laser and are coupled into a double-clad fiber for amplification to achieve achieve high power amplification of seed laser.

ADVANTAGES

- 1.Ultra-precision welding of various materials, small spot size, suitable for welding very thin materials up to 0.5mm;
- 2.Superior power output and energy stability;
- 3.Compact structure and air cooling.



Scanning Range: 116*116 mm



UW-MP-120

APPLICATIONS

- 1.Such as precision parts in 3C industry, mobile phone structural parts, small motors, dissimilar thin materials, cylindrical batteries, etc.

Model	UW-MP070-SU	UW-MP100-SU	UW-MP100-UI	UW-MP-120-JU
Power Supply	AC220V ± 10%, 50/60Hz	AC220V ± 10%, 50/60Hz	AC220V ± 10%, 50/60Hz	AC220V ± 10%, 50/60Hz
Laser Power	70W	100W	100W	120W
Pulse Energy	1.0mJ	1.3mJ	1.0mJ	1.5mJ
Pulse Width	9-500ns	6-2020ns	20-200ns	10-350ns
Frequency Range	1-1000KHZ	1-1000KHZ	10-2000KHZ	1-1000KHZ
Frequency Range of Full Power	1-1000KHZ	1-1000KHZ	10-2000KHZ	80-1000KHZ
Pulse Stability	<3%	<3%	<3%	<3%
Power Stability	<5%	<5%	<5%	<5%
Beam Quality (M2)	<1.6	<1.6	<2.0	<1.8
Laser Wavelength	1064nm	1064nm	1064nm	1064nm
Max Peak Power	10KW	14KW	10KW	18KW
Fiber Length	3m/5m	3m/5m	3m/5m	3m/5m
Cooling Type	Air Cooling	Air Cooling	Air Cooling	Air Cooling
Machine Size	510(L)*220(W)*500(H)	510(L)*220(W)*500(H)	510(L)*220(W)*500(H)	510(L)*220(W)*500(H)
Machine Weight	35kg	37kg	37kg	37kg