

AO-Z-532 /5~10W

**AO-Z SERIES 532NM LASER
SOURCE FOR LASER MARKING**


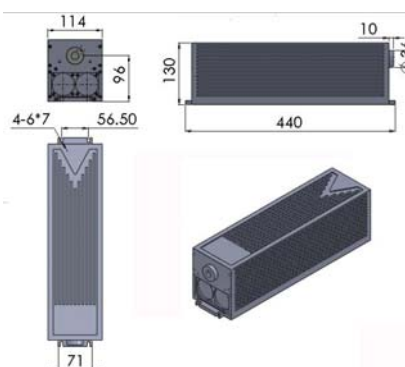

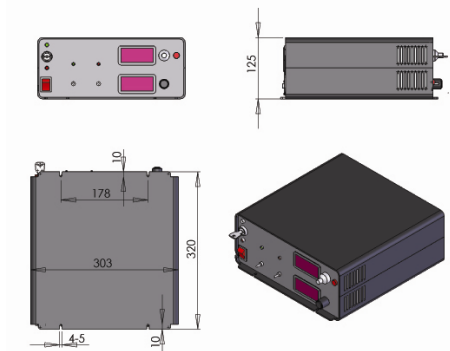
AO-Z-532nm laser has the features of high peak power, high repetition rate, and short pulse duration, which is in marking on materials that are hard, such as highly reflective metals: silver and gold; semiconductors: including silicon, gallium arsenide and germanium, and rubbers such as silicone.



SPECIFICATIONS

Wavelength (nm)	532±1			
Operating mode	Q-switched			
Output power (W)	>10@30kHz, typical			
Single pulse energy (μJ)	1~350			
Pulse duration (ns)	<35@30kHz	<50@50kHz	<70@100kHz	<150@200kHz
Peak power (kW)	~10			
Rep. rate (kHz)	1~200, adjustable by external control			
Ave power stability (over 4 hours)	<1%, <3%, <5%, <10%			
Warm-up time (minutes)	<10			
Beam divergence, full angle (mrad)	<2			
Beam diameter at the aperture (mm)	~4.0			
Beam height from base plate (mm)	96			
Polarization ratio	>100:1			
Cooled method	Air cooled			
Operating temperature (°C)	15~35			
Power supply (220/110VAC)	PSU-AOM			
Expected lifetime (hours)	10000			
Warranty period	1 year			
Pilot light (optional)	1-70mW adjustable@650nm			



AO-Z-532	Dimensions	PSU-AOM	Dimensions
 440(L)×114(W)×130(H) mm³, 6.1 kg	 114, 10, 130, 440, 96, 71, 56.50, 4-6*7	 320(L)×303(W)×125(H) mm³, 10.5kg	 125, 178, 303, 320, 4.5, 10