

AO-Mini-E-266/1-12μJ



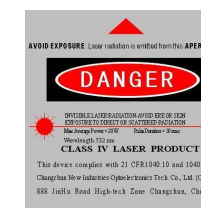
LD PUMPED ALL-SOLID-STATE AOM Q-SWITCHED LASER

All solid state AOM Q-switched laser at 266nm has the features of high peak power and short pulse duration, which is used in laser inner carver, laser marking, scientific research and so on.

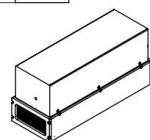
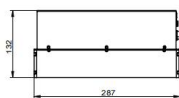
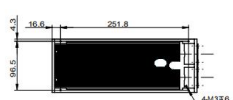


SPECIFICATIONS

Wavelength (nm)	266±1
Operating mode	Acousto-Optic Q-switched
Average power (mW)	30mW@2.5kHz
	Average power (W) = Single pulse energy (mJ) * Rep. rate (kHz)
Single pulse energy (μJ)	> 12@2.5kHz
Rep. rate (kHz)	2.5
Pulse duration (ns)	~8
Peak power (kW)	~1
Ave power stability (over 4 hours)	<5%, <3%, <1%
Transverse mode	TEM00
Beam diameter at the aperture (1/e ² , mm)	~0.8
Beam divergence, full angle (mrad)	< 3
Warm-up time (minutes)	<10
Beam height from base plate (mm)	81.4mm (heat sink included)
Cooled method	Air Cooled
Operating temperature (°C)	10~35
Supply Voltage	DC 12V/25A (PSU-12/ PSU-12-P optional)

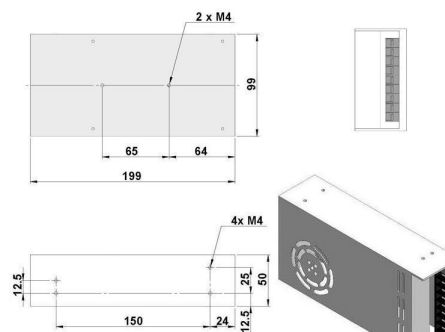


AO-mini-E-266 *Integrated electronics* (heat sink included)



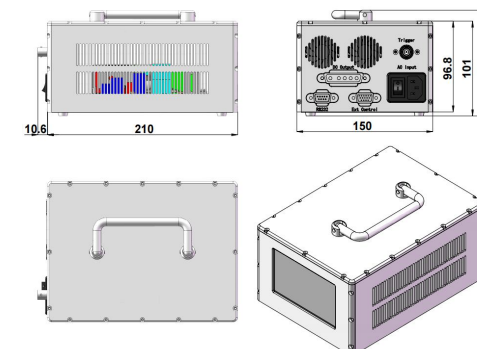
287 (L) × 105 (W) × 132 (H) mm³, 2.8 kg

PSU-12^① (Power supply 100-240VAC)



DC24V 13A; 199 (L) × 99 (W) × 50 (H) mm³, 1 kg

PSU-12-P^② (Power supply 100-240VAC)



220.6 (L) × 150 (W) × 112.5 (H) mm³, 2.75 kg

Note:

① Adaptor for 12V/25A.

② Adaptor for 12V/25A, and power control function is included.