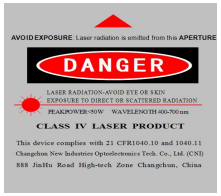
MDL-XD-520/4-10W

GREEN DIODE LASER AT 520nm

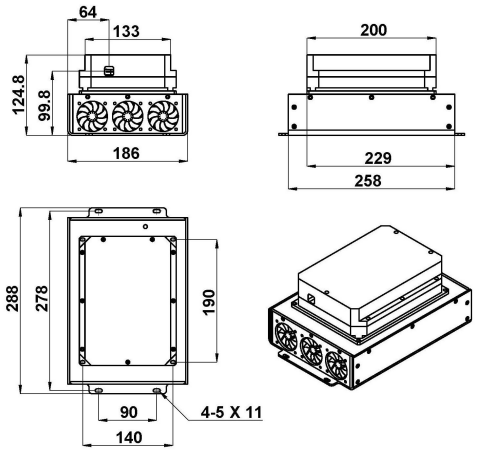
It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are widely used in measurement, communication, spectrum analysis.

SPECIFICATIONS

Central wavelength (nm)	520±10	
Operating mode	CW	
Output power (W)[1]	4-7	7-10
Power stability (rms, 4 hours ± 3°C)	<2%, <1%, <0.5%	
Transverse mode	Multimode	
Polarization direction	Horizontal+ Vertical	
Beam diameter at the aperture (mm)	<5×5	~7.5×5
Beam divergence, full angle (mrad)	~3.0	~3.0
Warm-up time (minutes)	<5	
Beam height from base plate (mm)	99.8	
Operating temperature (°C)	10-35	
Power supply (100-240VAC)	PSU-N-FDA/PSU-N-LED	
Modulation option	DC-1kHz, 1kHz-10kHz, 10kHz-30kHz optional; TTL and Analog optional	
Expected lifetime (hours)	>10000	

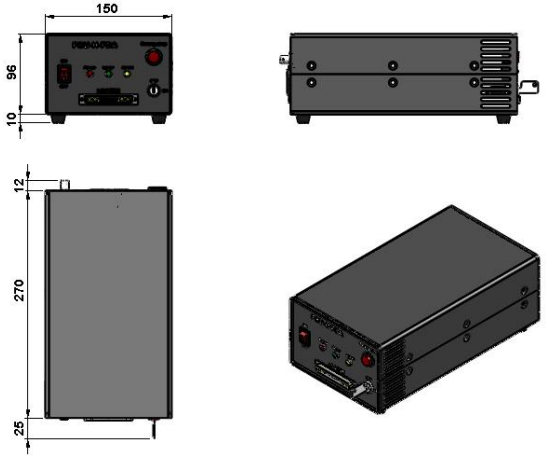


LASER HEAD



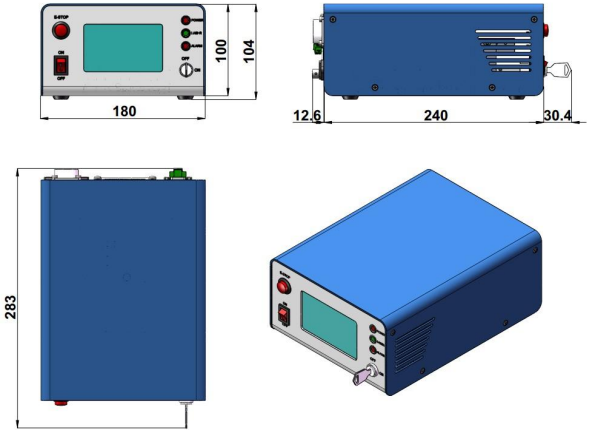
288(L) ×186(W) ×124.8(H) mm³, 6.6 kg

POWER SUPPLY (PSU-N-FDA)[2]



307 (L) ×150 (W) ×106 (H) mm³, 3.0kg

POWER SUPPLY (PSU-N-LED)[3]



283 (L) ×180 (W) ×104 (H) mm³, 2.5kg

1 Any power level can be selected in this range.

2 Fixed output power; Modulation up to 30kHz.

3 Output power adjustable 10-100%; RS232 control optional; Modulation up to 30kHz.