



SLM 1064 Infrared Single Frequency

CW Laser



- ◆ 1000mW TEM₀₀ Single Frequency Output
- ◆ Low Divergence, High Stability, Low Noise
- ◆ Diode Pumped, Compact, Air-Cooled

System Specifications	SLM 1064-200	SLM 1064-500	SLM 1064-1000
Wavelength	1064nm	1064nm	1064nm
Output Power	200mW	500mW	1000mW
Beam Diameter at the aperture	2.0mm	2.0 mm	2.0 mm
Transverse mode	TEM ₀₀	TEM ₀₀	TEM ₀₀
Longitude mode	Single	Single	Single
Beam divergence	<0.7 mrad	<0.7 mrad	<0.7 mrad
M ² factor	M ² ≤1.2	M ² ≤1.2	M ² ≤1.2
Spectral linewidth	<0.000003 nm	<0.000003 nm	<0.000003 nm
Coherent length	>100m	>100m	>100m
Polarization ratio	>100:1	>100:1	>100:1
Power stability	±1% @ 4 hours	±1% @ 4 hours	±1% @ 4 hours
Noise of amplitude	<0.5% RMS	<0.5% RMS	<0.5% RMS
Warm-up time	5minutes	5minutes	5minutes
Expected lifetime	10000 hours	10000 hours	10000 hours
Warranty time	1 year	1 year	1 year

	Specifications	
Utility and Environmental Requirements	Power supply	90-260VAC
	Power Consumption	100W
	Operating temperature	10-35°C
	Dimensions(L×W×H)	
	Laser Head	160×60×50mm
	Power Supply	194×160×90mm
	Weights	
Laser Head	0.38Kg	
Power Supply	1Kg	

1064nm

SLM CW Infrared Lasers



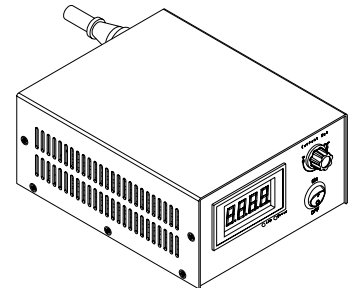
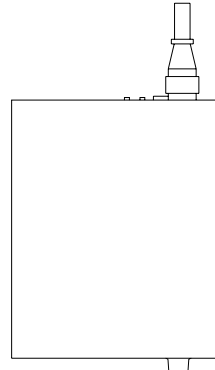
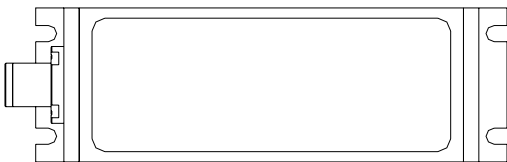
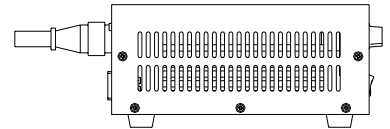
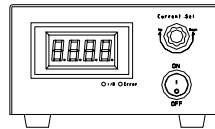
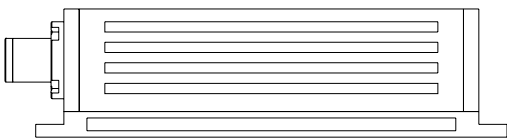
Beijing ZK Laser Co., Ltd is a sophisticated industry entity which takes the high power, multi- wave lengths solid state lasers as its main products. It researches, evelopments its products unceasingly.

This 1064 nm Infrared Single Frequency CW Laser is diode pumped frequency laser using all solid state construction , compacted , rugged air-cooled an geometry.

This is made features of ultra compact, long lifetime, low cost and easy to operate, which is used in holography, interference measurement,spectrum analysis,DNA sequencing, flow cytometry, cell sorting, instrument, laser printing, chip inspection, physics experiments,etc.

Laser Head

Laser Power



ZK LASER®

All Dimensions are in mm

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ZK Laser follows a policy of continuous product improvement. Specifications are subject to change without notice.

ZK Laser offers a limited warranty for all SLM™ systems. For full details on warranty coverage, please refer to the Service and Support section at www.zklaser.com, or contact your local Sales or Service Representative.

