

DYNAMIC LASER

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LS200 Series



Features

- Versatile
- Economically priced
- Stable beam quality
- Low Noise
- Compact
- Designed for fiber optic delivery
- Single line or wavelength selector available

Dynamic Laser's LS Series Laser Systems offer a superior solution to those seeking unmatched quality in an ion-gas laser system. The LS series provides exceptional beam quality, low noise, and dependability in a compact and affordable package.

The LS200 is available in 2 models to meet the high demands of our customers.

Model	Total Power	Wavelength (nm)									
		457.9	476.5	488	496.5	501.7	514.5	520.8	530.9	568.2	647.1
LS200A	150mW	7mW	10mW	36mW	10mW	6mW	35mW				
LS200KA	25mW			5mW						5mW	5mW



Applications

- Confocal Microscopy
- Flow Cytometry
- Spectroscopy
- Hematology
- Optical Disk Mastering
- Lightshows & Display
- Basic Research
- And more

Product Specifications

Power Stability (>2 hours)	±1%
Spatial Mode	TEM00
Beam Diameter	0.8 mm
Beam Divergence	1.0 mrad
Polarization Ratio	>100:1
Pointing Stability	<100µrad

Operating Parameters

Voltage	110-240VAC Single Phase
Current	16 Amps Max.
Frequency	50/60 Hz
Air Intake Clearance (External Fan Unit)	2.5cm
Operating Temperature / Humidity	4 – 40°C / <90%

Dimensions

Laser Head	40.6cm x 17.8cm x 15.2cm
Power Supply	27.9cm x 15.2cm x 8.9cm
Controller	12.7cm x 8.9cm x 5cm

Notes

1. Specifications subject to change without notice
2. Measurements in light control mode at 8 Amps

3.

For OEM or export use

