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**LS300 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 LS300 is available in 4 models to meet the high demands of our customers.

**Output Specifications**

Model	Total Power	Wavelength (nm)									
		457.9	476.5	488	496.5	501.7	514.5	520.8	530.9	568.2	647.1
LS300A	500mW	25mW	30mW	185mW	36mW	20mW	185mW				
LS300K1	80mW									40mW	40mW
LS300K2	100mW							25mW	35mW	40mW	
LS300KA	60mW			20mW						20mW	20mW



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# LS300 Series



- ### 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	209-240VAC 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	53.3cm x 17.8cm x 15.2cm
Power Supply	27.9cm x 15.2cm x 12.7
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

