



Air-cooled Argon Laser LPA-600

The LPA-600 argon laser offers mid-range power on the bluegreen line at 488 nm in a compact air-cooled package. It incorporates the proven technology of hard-sealed optics for permanent beam alignment and minimum maintenance. Our standart power supply PS-9600 is recommended for this laser head. Output option will have to be defined on ordering.

Compatibility to Original Manufacturer:

NEC 3106

Laser	LPA-600	
Gasfilling	Argon	
Wavelength (nm)	Output Power	
Single-Line, TEM00	488 nm	> 40 mWatt
Polarisation	random	
Single-Line, TEM00, option	488 nm	> 30 mWatt
Polarisation	> 100 : 1	
Divergence	< 1 mRad	
Pointing stability	+/- 30 µRad/ +/- 3°C	
Beam - Diameter	0,65 mm +/- 5%	
Output-Stability	< 2% in 2 hrs.	
Warranted Lifetime of Lasertube	> 6000 hrs.	
Average Lifetime	> 10000 hrs.	
Cooling	Air	
Mains Supply	115/ 230 VAC +/- 10%, 50/60 Hz	
Power Consumption	< 4 KVA	
Dimensions and Weights		
Laserhead	395 x 134 x 160 mm / 8 Kg	
Power supply, PS-7000	320 x 145 x 290 mm / 8 Kg	