



Air-cooled Argon Laser LPA-210

The forced air cooled Argon Laser LPA-210 is conceived to provide single line output power of upto 40 mWatts in the blue-green region. Wavelength options will have to be defined at ordering. For this laser we recommend our compact power supply PS-9700.

Compatibility to Original Manufacturer:

Spectra-Physics P 163
Uniphase P 2201 & 2211

Laser	LPA-210	
Gasfilling	Argon	
Wavelength (nm)	Output Power	
Multi-Line, TEM00	458 - 514 nm	> 40 mWatt
Single-Line, TEM00	458 nm	> 5 mWatt
	488 nm	> 20 mWatt
	514 nm	> 15 mWatt
Polarisation	> 100 : 1	
Divergence	< 1 mRad	
Pointing stability	+/- 30 µRad/ +/- 3°C	
Beam - Diameter	0,67mm +/- 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	< 2 KVA	
Dimensions and Weights		
Laserhead	312 x 134 x 160 mm / 5.6 Kg	
Power supply, PS-9700	166 x 135 x 287 mm / 5.5 Kg	