



HELPP 1064/532 HELPP 355 HELPP 266 HELPP 213

High Energy Laser with Picosecond Pulse output

This is a brand new inexpensive and compact picosecond flashlamp pumped laser for such application as an extremely UV generation, new analytic lidar with coherent Anti-Stokes Raman Scattering and air self-focusing, etc.

Specifications

Specifications	HELPP1064/532	HELPP355	HELPP266	HELPP213
<i>Wavelength</i>	1064 nm, 532 nm	355 nm	266nm	213 nm
<i>Repetition Rate</i>	20 Hz			
<i>Energy Output</i>	800 mJ 600 mJ	300 mJ	200 mJ	100 mJ
<i>Pulse width</i>	5 ps	4 ps	3 ps	3 ps
<i>Q-switch</i>	Passive			
<i>Divergence</i>	Diffraction limited			
<i>Beam profile</i>	Gaussian			
<i>Cooling</i>	Water			
<i>Pumping</i>	Flashlamp			

Upon request the output energy can be increased up to 4 J (TW class laser).

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