

Series CP400-1



4 mJ 1064 nm
2,5 mJ 532 nm
1 mJ 355 nm

- high peak power Q-switched DPSS- laser
- 1064 nm - 532 nm and 355 nm available
- compact, air cooled laser for micro and precision processing
TEM₀₀ beam quality
- short pulses – **8ns** - with mJ pulse energy
- high reliability for 24/7 operation
- ports for TTL, analog and RS 232 control
- cost-effective operation

Applications

- rapid prototyping
- wavelength sensitive processing
- micro-machining
- marking, structuring, trimming
- glass engraving

Model	CP400-1-1064	CP400-1-532	CP400-1-355
Wavelength	1064 nm	532 nm	355 nm
Power	4 W @ 1000 Hz	2,5 W @ 1000 Hz	1 W @ 1000 Hz
Pulse Repetition Rate	Single shot ... 1000 Hz		
Pulse Width	10 ns @ 1000 Hz	8 ns @ 1000 Hz	8 ns @ 1000 Hz
Pulse Energy	4 mJ @ 1000 Hz	2,5 mJ @ 1000 Hz	1 mJ @ 1000 Hz
Beam Quality	M ² < 1,4		
Polarization	linear		
Dimension Laserhead (W/H/L)	80 mm × 116 mm × 495 mm	132 mm × 116 mm × 495 mm	
Dimension Power Supply	19 Inch Rack, 3 HU		
Operating Temperature	15 ... 35 °C		
Operating Voltage	110 ... 240 V, 50 ... 60 Hz		