

## Series CP400



**4 Watt 1064 nm**  
**2 Watt 532 nm**  
**1 Watt 355 nm**

- high peak power solid-state diode pumped Q-switched laser
- fundamental 1064 nm, 532 nm and 355 nm available
- air-cooled, compact laser for micro and precision processing
- no additional cooling unit required
- excellent beam quality
- short pulses
- high peak power
- pulse on demand
- high reliability for 24/7 operation
- ports for TTL, analog and RS 232 control
- cost-effective operation

### Applications

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



Model	CP400-1064	CP400-532	CP400-355
Wavelength	1064 nm	532 nm	355 nm
Power	4W @ 4 kHz	2 W @ 4 kHz	1 W @ 4 kHz
Pulse Repetition Rate	1 ... 4000 Hz	1 ... 4000 Hz	1 ... 4000 Hz
Pulse Width	10 ns @ 4 kHz	8 ns @ 4 kHz	8 ns @ 4 kHz
Pulse Energy	1000 µJ @ 4 kHz	500 µJ @ 4 kHz	250 µJ @ 4 kHz
Beam Quality	M <sup>2</sup> < 1,3		
Polarization	linear		
Dimension Laserhead (W/H/L)	125 mm × 129 mm × 410 mm		
Dimension Power Supply (W/H/L)	260 mm x 250 mm x 132 mm		
Power Consumption	24 V DC, 300 W		
Operating Temperature	15 ... 35 °C		