

Series CP600



7,5 Watt 1064 nm
3 Watt 532 nm

- high peak power solid-state diode pumped Q-switched laser
- fundamental 1064 nm and green 532 nm
- 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
- customised modifications possible

Applications

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

Model	CP 600-1064	CP 600-532
Wavelength	1064 nm	532 nm
Power	7,5 W @ 10 kHz	3 W @ 10 kHz
Pulse Repetition Rate	1 ... 10 kHz	1 ... 10 kHz
Pulse Width	4 ns @ 10 kHz	3,5 ns @ 10 kHz
Pulse Energy	750 µJ 10 kHz	300 µJ 10 kHz
Beam Quality	$M^2 < 1,4$	$M^2 < 1,6$
Polarization	Linear	Linear
Dimension Laserhead (W/H/L)	125 mm × 119 mm × 320 mm	125 mm × 119 mm × 320 mm
Dimension Power Supply (W/H/L)	19 Inch, 3 RU	19 Inch, 3 RU
Power Consumption	110 –240 V, 50–60 Hz, 300 W	110 –240 V, 50–60 Hz, 300 W
Operating Temperature	15 – 35 °C	15 – 35 °C