



Series CL100

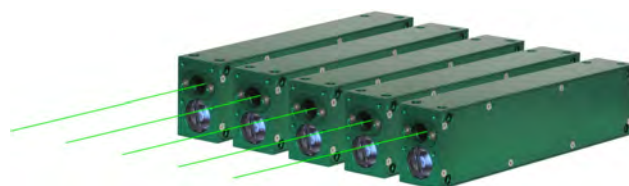
3 Watt 1064 nm
1,5 Watt 532 nm



- high repetition rate solid-state diode pumped Q-switched laser
- fundamental 1064 nm and green 532 nm available
- compact laser for micro and precision processing
- excellent beam quality
- short pulses at high repetition rates
- high reliability for 24/7 operation
- ports for TTL, analog and RS 232 control
- cost-effective operation
- one of smallest laser in its class
- customised modifications possible

Applications

- rapid prototyping
- micro-machining
- thin film structuring
- marking, trimming



Model	CL 100-1064	CL 100-532
Wavelength	1064 nm	532 nm
Power	3 W @ 25 kHz	1,5 W @ 25 kHz
Pulse Repetition Rate	1 – 200 kHz	1 – 200 kHz
Pulse Width	15 ns @ 25 kHz	15 ns @ 25 kHz
Pulse Energy	120 µJ 25 kHz	60 µJ 25 kHz
Beam Quality	$M^2 < 1,4$	$M^2 < 1,5$
Polarization	linear	linear
Dimension Laserhead (W/H/L)	39 mm × 69 mm × 280 mm	39 mm × 69 mm × 280 mm
Dimension Power Supply (W/H/L)	320 mm × 120 mm × 320 mm	320 mm × 120 mm × 320 mm
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