

## Series CL200-V

**12 Watt 1064 nm**  
**4 Watt 532 nm**  
**1,5 Watt 355 nm**



CL200-1064

- high repetition rate solid-state diode pumped Q-switched laser
- fundamental 1064 nm, green 532 nm and UV 355 nm available
- air-cooled, compact laser for micro and precision processing
- no additional cooling unit required
- excellent beam quality
- short pulses at high repetition rates
- high Peak Power
- first pulse suppression by fast energy modulation
- high reliability for 24/7 operation
- ports for TTL, analog and RS 232 control
- cost-effective operation

### Applications

- rapid prototyping
- micro-machining
- thin film solar cell scribing
- marking, structuring, trimming



CL200-532/355

Model	CL 200-1064	CL 200-532	CL 200-355
Wavelength	1064 nm	532 nm	355 nm
Power	12 W cw 10W @ 20 kHz	4 W @ 15 kHz	1,5 W @ 15 kHz
Pulse Repetition Rate	1 ... 200 kHz		
Pulse Width	30 ns @ 20 kHz	20 ns @ 25 kHz	20 ns @ 25 kHz
Pulse Energy	600 µJ @ 10 kHz	300 µJ @ 10 kHz	120 µJ @ 10 kHz
Beam Quality	$M^2 < 1,2$	$M^2 < 1,4$	
Polarisation	Linear		
Dimension Laserhead (W/H/L)	80 mm × 138 mm × 495 mm	125 mm × 129 mm × 600 mm	
Dimension Power Supply (W/H/L)	19 Inch, 3 RU		
Power Consumption	110 ... 240 V, 50 ... 60 Hz, 300 W		
Operating Temperature	15 ... 35 °C		