

## Series CL200-V-hp

**20 Watt 1064 nm**  
**6 Watt 532 nm**  
**2 Watt 355 nm**



CL200-1064

### Features

- high repetition rate 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 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
- customised modifications possible

### Applications

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



CL200-532/355

Model	CL 200-1064	CL 200-532	CL 200-355
Wavelength	1064 nm	532 nm	355 nm
Power	22 W cw 20W @ 50 kHz	6 W @ 20 kHz	2 W @ 20 kHz
Pulse Repetition Rate	20 ... 250 kHz		
Pulse Width	30 ns @ 50 kHz	15 ns @ 20 kHz	15 ns @ 20 kHz
Pulse Energy	400 µJ @ 50 kHz	300 µJ @ 20 kHz	100 µJ @ 20 kHz
Beam Quality	M <sup>2</sup> < 1,2	M <sup>2</sup> < 1,4	M <sup>2</sup> < 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		