

## Series CL240 *short pulse*



**50 Watt 1064 nm**

**High rep. rate  
pulse-to-pulse energy modulation**

Applications

- pulse-to-pulse addressable pulse energy up to 400kHz repetition rate
- high repetition rate solid-state diode pumped Q-switched laser in oscillator-amplifier configuration
- short pulses at high repetition rates
- excellent beam quality
- 1064 nm , 532 nm (\*)355 nm available soon)
- compact laser for micro and precision processing
- ports for TTL, analog and RS 232 control
- cost-effective operation
- customised modifications possible



Model		CL 240 – 1064 - sp	CL 240 – 532 - sp
Wavelength		1064 nm	532 nm
Pulse Repetition Rate		10 ... 400 kHz	
Pulse Width @	20 KHz 50 kHz 100 kHz 200 kHz	10 ns 12 ns 15 ns 25 ns	8 ns 10ns 12 ns 20 ns
Power @	20 kHz 50 kHz 100 kHz 200 kHz	25 W 40 W 45 W 50 W	15 W 20 W 20 W 10 W
Beam Quality		$M^2 < 1,4$	
Polarisation		Linear	
Dimension Laserhead (W/H/L)		260 mm × 138 mm × 500 mm (water cooled)	
Dimension Power Supply (W/H/L) without cooler		19 Inch, 3 RU (water cooled)	
Power Consumption		110 –240 V, 50–60 Hz, 2.000 W (Dimension Power Supply (W/H/L) without cooler)	
Operating Temperature		15 ... 35 °C	