

CL200-Y-m

0,75 W @ 355 nm



- Actively Q-switched diode pumped solid-state laser
- air-cooled, compact laser for micro and precision processing
- no additional cooling unit required
- excellent beam quality
- first pulse suppression
- 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

Model	CL 200-Y-1064-m	CL 200-Y-532-m	CL 200-Y-355-m
Wavelength	1064 nm	532 nm	355 nm
Power	1500 mW @ 1 kHz 5000 mW @ 5 kHz 6000 mW @ 10 kHz	750 mW @ 1 kHz 2000 mW @ 5 kHz 2500 mW @ 10 kHz	300 mW @ 1 kHz 600 mW @ 5 kHz 250 mW @ 10 kHz
Pulse Repetition Rate	1 ... 50 kHz		
Pulse Width	20 ns @ 1 kHz 30 ns @ 5 kHz 50 ns @ 10 kHz	18 ns @ 1 kHz 22 ns @ 5 kHz 35 ns @ 10 kHz	16 ns @ 1 kHz 20 ns @ 5 kHz 30 ns @ 10 kHz
Pulse Energy	1500 µJ @ 1 kHz 1000 µJ @ 5 kHz 600 µJ @ 10 kHz	750 µJ @ 1 kHz 400 µJ @ 5 kHz 250 µJ @ 10 kHz	300 µJ @ 1 kHz 120 µJ @ 5 kHz 25 µJ @ 10 kHz
Beam Quality	$M^2 < 1,3$	$M^2 < 1,4$	
Polarisation	Linear		
Dimension Laserhead (W/H/L)	125 mm × 130 mm × 460 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		