

CP200 - Compact , Pulsed Nd:YAG



Features

- OEM Q-switched laser for industrial environments
- compact design – integrated optics and electronics
- Reliable turn-key operation, completely air cooled
- Excellent focusability (TEM₀₀)
- Low maintenance requirements
- High wall-plug efficiency
- RS232 computer control

Model	CP200-1064	CP200-532	CP200-355
Wavelength	1064 nm	532 nm	355 nm
Power	1 W @ 1 kHz	0,5 W @ 1 kHz	0,2 W @ 1 kHz
Pulse Repetition Rate	1 ... 200 Hz	1 ... 200 Hz	1 ... 200 Hz
Pulse Width (FWHM)	10 ns @ 200 Hz	8 ns @ 200 Hz	8 ns @ 200 Hz
Pulse Energy	1000 µJ @ 200 Hz	500 µJ @ 200 Hz	200 µJ @ 200 Hz
Beam Quality	M ² < 1,4	M ² < 1,4	M ² < 1,4
Polarization	linear		
Pulse-to-Pulse Stability (rms)	< 3 %		
Dimension Laser (W/H/L)	452 mm × 25 mm × 132 mm		
Power Supply	Integrated, 90 ... 240 V~ / 47 ... 63 Hz		
Cooling	Fan cooled		
Operating Temperature	15 ... 35 °C		

For customer specific solutions please feel free too contact us.