

## CP410 - Compact , Pulsed Nd:YAG



### Features

- solid-state diode pumped actively Q-switched laser
- air-cooled, compact laser for micro and precision processing
- MW peak power
- short pulses
- pulse on demand
- ports for TTL and RS 232 control
- available @ 1064 nm, 532 nm (\*355 nm on request)



OEM Power Supply

Model	CP410-1064	CP410-532	CP410-355
Wavelength	1064 nm	532 nm	355 nm
PeakPower	1 MW	0,6 MW	0,3 MW
Pulse Repetition Rate	1 ... 100 Hz	1 ... 100 Hz	1 ... 100 Hz
Pulse Width (FWHM)	10 ns	8 ns	8 ns
Pulse Energy	10 mJ	5 mJ	2,5 mJ
Beam Quality	M <sup>2</sup> < 5		
Polarization	linear		
Pulse-to-Pulse Stability (rms)	< 3 %		
Dimension Laser Head (W/H/L)	125 mm × 75 (130*) mm × 410 mm		
Dimension Power Supply (W/H/L)	OEM Power Supply (247x132x280mm) or 19" Rack (3 HU)		
Cooling	Base plate cooling		
Operating Temperature	15 ... 35 °C		
Power Consumption	24 V dc, 300 W (opt. 240V ac)		

• With fan cooled base plate)  
For customer specific solutions please feel free too contact us.

