

FQS Q-SWITCHED SERIES LASERS



Model Name	FQS-400-1-1064	FQS-200-1-532	FQS-100-1-355
Wavelength	1064nm	532nm	355nm
Pulse Energy @ 1kHz	> 400μJ	> 200μJ	> 100μJ
Spatial Mode	TEM ₀₀ , M ² < 1.2		
Repetition Rate	Up to 10kHz	Up to 10kHz	Up to 10kHz
Minimum Pulse Width	< 5ns	< 5ns	< 4ns
Jitter	< +/- 1ns (typ. +/- 0.5ns) WRT ext. trigger input		
Beam Diameter	1mm at output aperture		
Beam Divergence	< 1mRad at 1mm diameter		
Polarization	>100:1		
Laser Head Size	240mm x 210mm x 100mm		
Power supply	2U high 19 inch rack		
Control	RS232		
Cooling	Air cooled		
Power requirement	100 - 240 VAC, 50 / 60 Hz Max 1000W		

