

HG | FLINT

Automated Second Harmonic Generator

FEATURES

- 515 nm output
- Automated harmonic selection
- Integrated into the system
- Industrial-grade design



FLINT-FL2 with integrated HG

FLINT oscillators equipped with an automated second harmonic generator (HG) provide a selection of fundamental (1H) or second harmonic (2H) outputs using software control. The HG is fully integrated into the industrial-grade system.

Fundamental and second harmonic outputs are switchable or available simultaneously. For higher harmonics, refer to HIRO harmonic generator.

SPECIFICATIONS

Model	FL1	FL2-SP	FL2			
Available harmonic	Refer to HIRO; see page 25		2H			
Pump repetition rate			11 MHz	40 MHz	76 MHz	
Maximum pump power			7 W	20 W		
Center wavelength			515 ± 10 nm			
Conversion efficiency ¹⁾			> 30%			
Polarization			Linear, horizontal			

¹⁾ Conversion efficiency specified at maximum power.

