

190nm Narrow linewidth laser

NARROW-LINEWIDTH CW LASERS



190nm Narrow linewidth laser Based on single frequency seed laser, low noise fiber amplifier and high efficiency frequency convert technique, Precilasers can provide narrow linewidth 190nm CW lasers, features with high frequency stability, long life and good beam quality.

- Narrow Linewidth Good Beam
- Quality Never Mode Hop
- Laser

Specifications

Parameter	Specification
Model Number	FL-SF-190-X (1) -CW
Central Wavelength	190nm
Linewidth (2) (100 μ s integration time)	<100kHz
Operating Mode	CW
Output Power	3mW / 10mW / 30mW / 100mW / 130mW / 200mW
Beam Spot Diameter	1 \pm 0.1 mm@3mW / 2 \pm 0.2 mm@>3mW
Pointing Stability	<100 μ rad @30min, RMS
Beam Quality	TEM00, M ² <1.5@3mW / TEM00, M ² <1.3@>3mW
Power Stability	<1% @2hours, RMS
Cooling	Water Cooling
Cold Start	<2 ■■
Hot Start	<30 ■■
Operating Temperature (no condensation)	18-25 °C
Power Supply	100V-240V, AC, 50/60Hz
Communication	RS422

Source: WaveQuanta product database. For ordering, customization (wavelength, power, package) and quotation, contact sales@wavequanta.com.