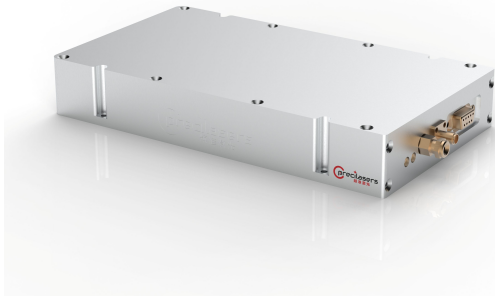


# 1030-1120 nm Ytterbium-doped picosecond seed laser

## ULTRAFAST PULSED LASERS



1030-1120 nm Ytterbium-doped picosecond seed laser This system adopts Nonlinear Amplifying Loop Mirror (NALM) technology to achieve long-term, high-stability picosecond pulse output. Core Features Wide Wavelength Range: Offers broad wavelength coverage. Environmental Robustness: Capable of reliable operation in both high and low-temperature environments. Performance & Applications High-Power Amplification: Through an advanced laser amplification scheme, it realizes long-term, high-power picosecond pulse output. Primary Application: Suitable for precision processing and other industrial application fields.

- Broad Spectrum High Power
- Linear Polarization Wavelength
- Tunable High Power Stability
- Atomic and Molecular Optical
- Physics Precision Measurement Ultrafast
- Imaging Precision Processing

### Specifications

Parameter	Specification
Model Number	PL-PS-XXXX-YY-S
Customizable Wavelength Range	1030-1120 nm
Pulse Width	6-8 ps 10-14ps 16-20 ps
Pulse energy	0.5-3 nJ
Average Power	6-200 mW
Maximum peak power	>350 W
Spectral Width	<0.5 nm
Repetition Frequency	20-120 MHz (Optional frequency reduction module, adjustable down to 1 Hz)
Operation Mode	pulsed
Temperature(No condensation conditions)	15-35 °C
Power Supply	12V, DC
Communication	RS422
Chassis Dimensions	225mm×120mm×40mm / 220mm×142mm×45mm (With AOM)

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