

1030-1110nm Femtosecond laser

ULTRAFAST PULSED LASERS



4–10 ps (pulse width <200 fs optional with compression module)

- Narrow pulse width Broad
- Linear polarization Wide wavelength
- High power stability
- Atomic and molecular photophysics
- Precision measurement Ultrafast imaging

Specifications

Parameter	Specification
Optional central wavelength range	1030-1100 nm
Typical Wavelength	1030nm, 1064nm
Pulse width	4–10 ps (pulse width <200 fs optional with compression module)
Pulse energy	0.5-3 nJ
Average power	6-300 mW
Maximum peak power	>30 kW
Spectral width	>20nm@1030nm >15nm@1064nm
Repetition rate	20–120 MHz, repetition rate precisely adjustable in 1 Hz increments
Pulse interval jitter	<10fs / <20fs
Operating mode	Pulsed
Operating temperature (without condensation)	15-35 °C
Power supply	100V-240V, AC, 50/60Hz
Communication	RS485
Chassis dimension	483mm×363mm×132mm

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