

LASERS & LASER SYSTEMS

PULSED Nd:YAG LASERS

- Pulse energy up to 2.5 J
- Flat top beam profile
- Pulse repetition rate up to 200 Hz
- All harmonics from 1064 to 213 nm
- Adjustable pulsewidth
- Adjustable pulse shape

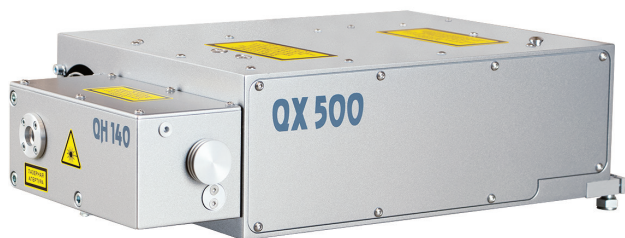
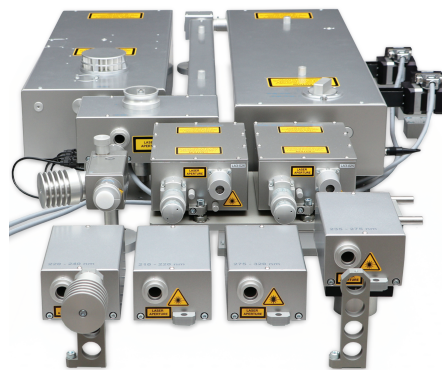


FEMTO-, PICOSECOND LASERS

- Pulsewidth (FWHM) up to 110 fs
- Output power up to 7 W
- Output energy up to 1 mJ
- Harmonic generators
- Diode pumping
- Pulse selectors

TUNABLE LASERS

- Ti:Sapphire lasers, DFG converters
- Optical parametric oscillators
- Tuning range from 0.2 to 20 μ m
- Linewidth up to 0.005 nm
- Pulse energy up to 100 mJ



DIODE-PUMPED LASERS

- Compact industrial design
- Built-in or external harmonic generators
- up to 150 mJ per pulse at 20 Hz
- up to 3 W @ 355 nm at 30 kHz

SPECTRAL INSTRUMENTS

MONOCHROMATORS/ SPECTROGRAPHS

- Single and double
- Focal length from 44 to 522 mm
- Wide range of detectors



SPECTROMETERS

- Spectral range from 190 to 2560 nm
- High optical sensitivity
- Fiber input

WAVELENGTH METERS FOR LASERS AND DIODES

- Spectral range from 190 to 1800 nm
- High accuracy ± 3 pm
- FWHM and spectral line monitoring and analysis



TUNABLE LIGHT SOURCES

- Spectral range from 190 to 2500 nm
- Spectral resolution up to 0.1 nm