

PRODUCT-OVERVIEW

High Q Laser – The ultrafast OEM specialist



| Picosecond and Femtosecond Oscillators | | Picosecond and Femtosecond Cavity Dumped Oscillators | | Picosecond and Femtosecond Amplifiers | |
|--|--|--|---|--|--|
| <i>picoTRAIN</i> ™ | <i>femtoTRAIN</i> ™ | <i>picoNOVA</i> ™ | <i>femtoNOVA</i> ™ | <i>picoREGEN</i> ™ | <i>femtoREGEN</i> ™ |
| NIR / Green / UV up to 50 W up to 10 µJ up to 1.5 GHz 5 ... 300 ps | 790 ... 1060 nm up to 8 W up to 300 nJ up to 200 MHz down to 50 fs | NIR / Green / UV up to 1 W > 1 µJ up to 1 MHz 6 ... 100 ps | 800 ... 1040 nm up to 1 W > 1 µJ up to 4 MHz down to 200 fs | NIR / Green / UV up to 30 W up to 3 mJ up to 2 MHz 10 ... 300 ps | 1030 ... 1053 nm up to 8 W up to 1 mJ up to 2 MHz down to 250 fs |

High Q Laser Features

- Passive and self-starting semiconductor saturable absorber modelocking (SESAM)
- User Replaceable Diode Module (URDM)
- High temporal and spatial stability
- Compact and modular set-up
- Hands-free, true turnkey operation
- RS 232 software remote control

High Q Laser Add-On

- Picosecond OPO / OPA for wavelength extension
- Femtosecond OPO / OPA / NOPA
- SYNC Option (synchronisation to external clock)

Please ask for our customized ultrafast OEM solutions.