

quantum approved.

Laser Rack Systems

Quantum Technology meets Industry Standards

Our lasers do not need an optical table! The T-RACK is the perfect home for TOPTICA's high-end tunable diode lasers and frequency combs in a modular 19" form factor. Pick yours!

- Tunable Diode Laser Systems
- Frequency Comb Systems
- Wavelength Meters
- Locking Electronics
- 369 .. 1770 nm



learn more...



www.toptica.com/T-RACK

Laser Rack Systems

Choose your systems & units

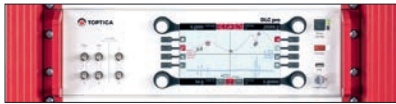


DANGER – VISIBLE AND INVISIBLE LASER RADIATION, AVOID EYE OR SKIN EXPOSURE TO DIRECT OR SCATTERED RADIATION
CLASS 4 LASER PRODUCT, EN60825-1:2014

T-RACK

19" Laser Rack

- Includes: MPE (Modular Power Entry Unit)
- Fan-free thermal management



DLC pro

All-Digital Controller for Tunable Diode Lasers

- Extremely low noise & precise control
- Convenient local and remote operation



Wavelength Meter

Rack-Mountable HighFinesse Wavelength Meter

- Best absolute accuracy down to 2 MHz
- Wavelength coverage: 192 nm .. 11 μ m



MCLS

Ultra-Stable Clock Laser System

- For optical clocks and quantum computing
- Long coherence times and exceptional frequency stability



MDL pro

Modular Tunable Single-Mode Diode Laser Unit

- Supporting up to 4 ECDL or DFB laser modules
- Wavelength coverage: 369 .. 1770 nm



MTA pro

Modular Amplified Tunable Single-Mode Laser Unit

- Supporting up to 2 amplified laser modules
- Wavelength coverage: 660 .. 1495 nm



MSHG pro

Modular Frequency-Doubled Tunable Laser Unit

- Efficient frequency-doubling resonator design
- Wavelength coverage: 369 .. 780 nm



MDFC

Modular Difference Frequency Comb System

- Highly robust with TOPTICA's CERO technology
- Wavelength coverage: 420 .. 2000 nm



MOM

Modular Opto-Mechanics Breadboard Unit

- Optical breadboard for custom solutions
- Vibration isolation and pull-out mechanism

TOPTICA's Laser Rack Systems integrate additional building blocks like a variety of locking electronics.