

# 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
- 330 .. 1770 nm



[www.toptica.com/T-RACK](http://www.toptica.com/T-RACK)

# Laser Rack Systems

All Wavelengths. More Power.  
Maximum Modularity.



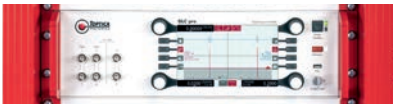
DANGER – VISIBLE AND INVISIBLE LASER  
RADIATION AVOID EYE OR SKIN EXPOSURE  
TO DIRECT OR SCATTERED RADIATION  
CLASS 4 LASER PRODUCT, EN60825-1:2014



## T-RACK

19" Laser Rack

- Includes Modular Power Entry Unit (MPE)
- 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  $\mu$ m



## 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: 330 .. 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.