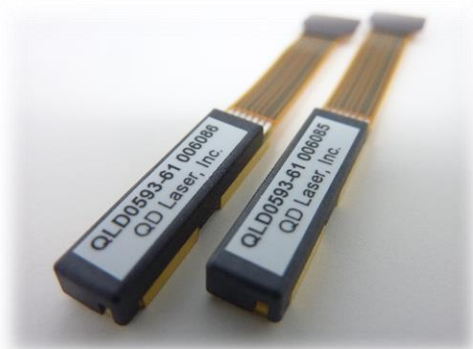


# Compact 532/561/594nm Laser for Biomedical Applications

## Compact and highly stable single frequency laser

- Highly stable single frequency laser for improving imaging resolution
- Compact package with low power consumption of 1.5W for downsizing your equipment
- Plug and play operation with optional laser driver
- 488, 552, 588nm under development



## Application examples

- Biomedical equipment
  - Flow Cytometer
  - Cell Sorter
  - Laser Microscopy
  - Raman Spectroscopy



## Key Features

- Patented highly stable (<2%) single frequency laser combining DFB laser and second harmonic generation
- Unprecedented compact package: 22 x 5.6 x 3.8 mm<sup>3</sup> (<0.5cc)
- Low power consumption: <1.5W
- Plug and play operation with optional CW/pulsed laser driver
- Fiber-pigtailed, CW driver integrated BOX available

## Specification

- Wavelength: 532, 561, 594nm \*488, 552, 588nm under development
- Output Power: 5/20/30/50mW \*Fiber-pigtailed for 532, 561 nm: 15/20/25 mW



QD LASER

**APTechnologies**

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## Product Lineup (Compact Laser)\*

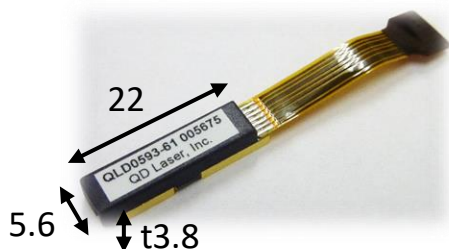
Model Number	Wavelength (nm)	Output Power (mW)
QLD0593-3220	532	20
QLD0593-3230		30
QLD0593-3250		50
QLD0593-6120	561	20
QLD0593-6130		30
QLD0593-6150		50
QLD0593-9405	594	5
QLD0593-9420		20

## Product Lineup (CW Driver Integrated BOX)\*

Model Number	Wavelength (nm)	Output Power (mW)
QC4D0593-3220	532	20
QC4D0593-6120	561	20
QC4D0593-9420	594	20

## Product Family

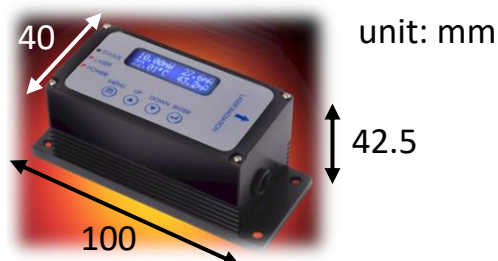
### Compact Laser



### Fiber-pigtailed Laser



### CW Driver Integrated BOX



### Picosecond Laser Driver



\*Please contact us for other options.



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