
PhotonTec
Berlin GmbH
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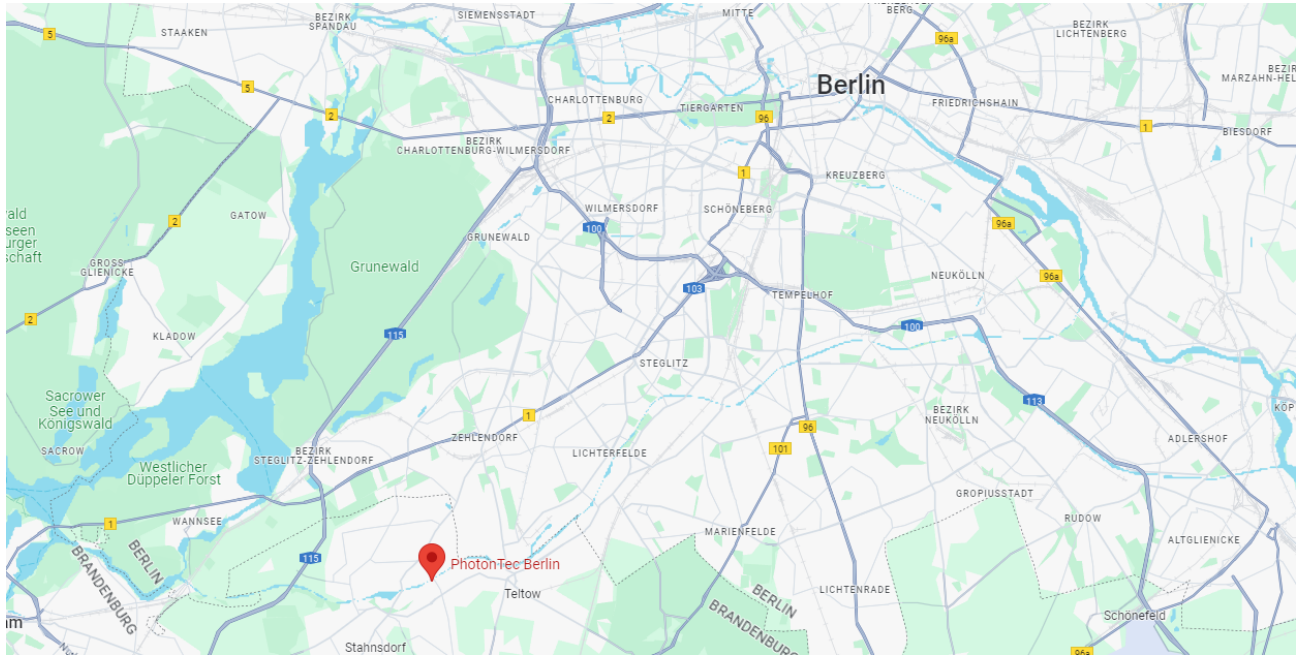
About us

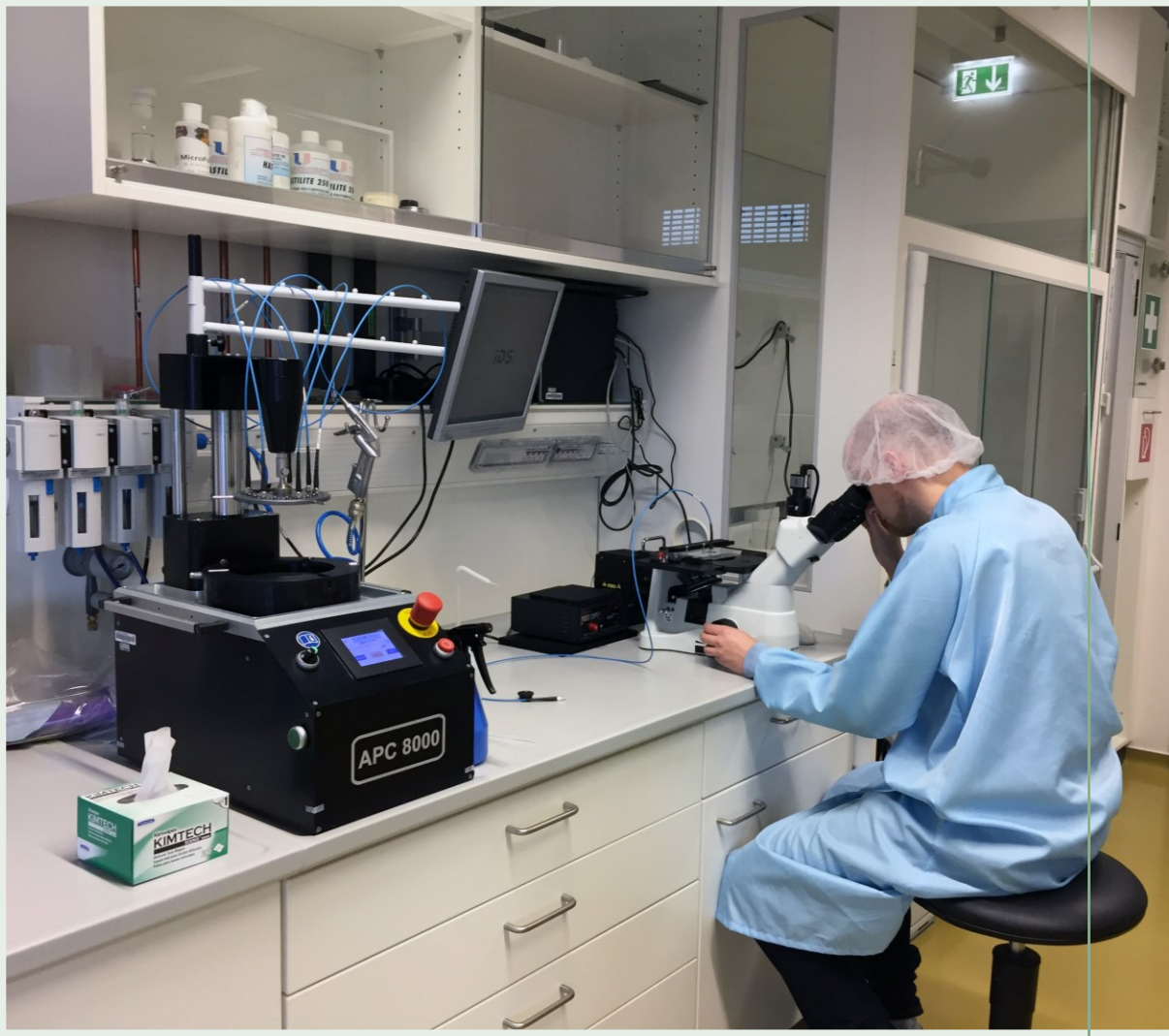


PhotonTec Berlin GmbH was founded by Dr. Jiayu Wang in 2010 in Berlin, Germany. The operation, laboratary and facility are located in Teltow in Federal State Brandenburg, a city close to Berlin.

Dr. Jiayu Wang holds a Ph.D. (Dr.rer.nat) degree in laser physics and has more then 20 years of experience in laser and photonics.

We are able to offer:

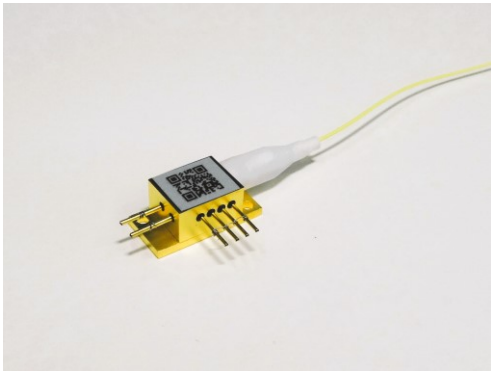
- Fiber-coupled laser diode
- Optical fiber cable

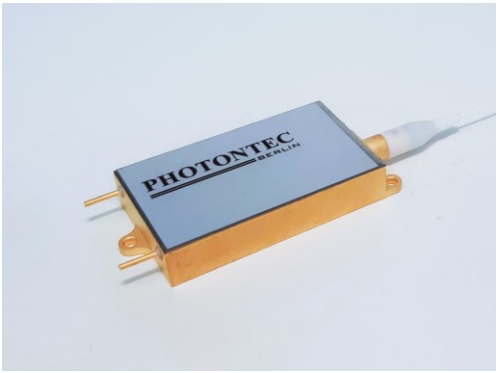


Fiber-coupled Laser Diode

Standard Laser Diode with fiber output

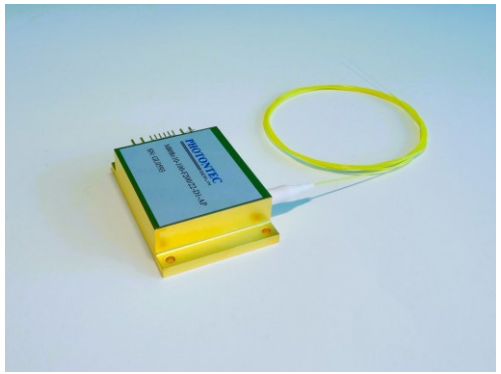
- UV 405nm, Blue 450nm, Green 520nm, NIR 808nm – 1470nm
- +/-3nm and +/-10nm tolerance
- several Watts to 300 Watts
- 105µm, 200µm, 400µm fiber core diamter



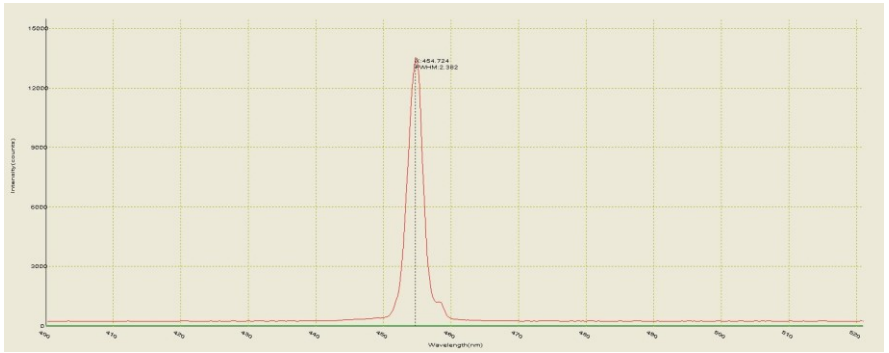


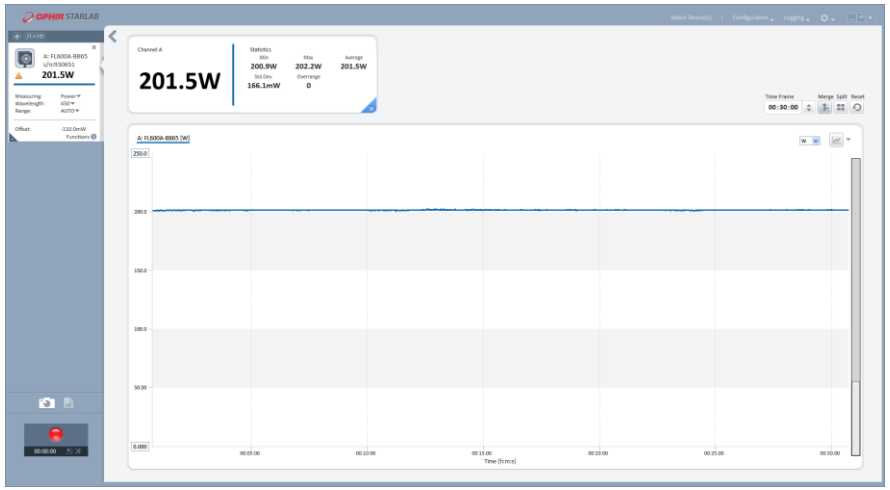
Wavelength-stabilized Laser Diode with fiber output

- NIR 808nm, 878.6nm, 976nm, 981nm
- +/-0.5nm tolerance
- several Watts to 200 Watts
- 105µm, 200µm fiber core diameter

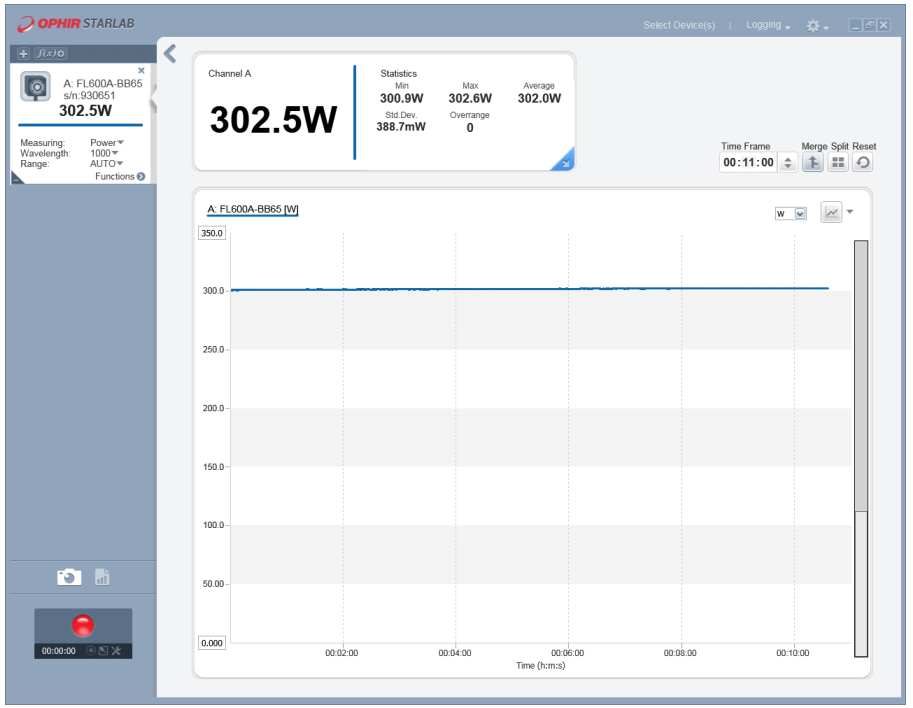


Blue and Grenn Fiber-coupled Diode Laser





NIR Fiber-coupled Diode Laser



Turn-key Diode Laser System

- Working with our electronics partner in Berlin to provide turrn-key diode system
- The easy-to-connect system consists of diode module, diode driver and cooling unit (active TEC cooler or water-cooling plate).
- The rack system has all components integrated in one 19“ rack.
- The system is both local and remote controllable including RS232 interface.

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Optical Fiber Cable

- Singlemode, multimode fiber
- FC, SMA905, LD80
- Total length up to 20m

Production and Delivery

- PhotonTec Berlin focuses on development, low-volume production and final testing before delivery to our customers.
- Part of our products is manufactured by our selected partners who are ISO 9001 certified to ensure the highest quality and product reliability.
- Quanlity control starts with each individual component, through in-process inspection to final testing.
- A total of several hundreds diodes can be supplied each month.

Thank You

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