

CLASS 5

Multi-photon microscopy lasers

Image deeper and faster. Discover new frontiers.

White Dwarf

We want to make advanced lasers simple to use. Our White Dwarf series is specially designed for multi-photon microscopy offering highest performance and robustness.



Features

High power

> 5 W average power after compressor

Reliability

Robust design and one-box system

User tested

Worldwide customers and renowned institution

1035 nm output

Output for optogenetics available

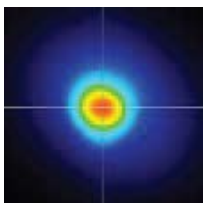
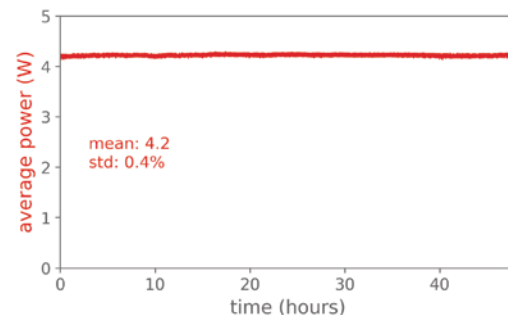
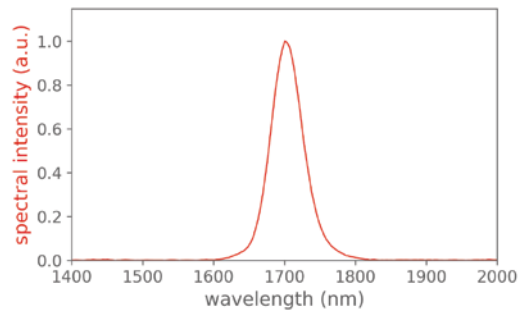
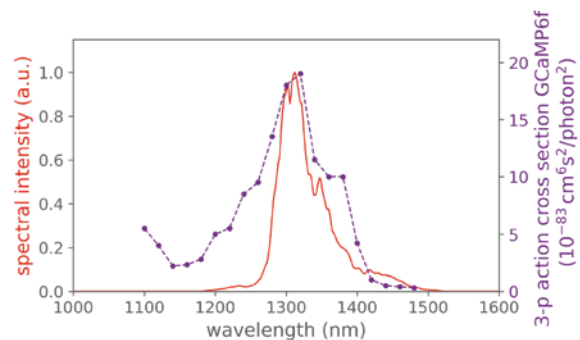
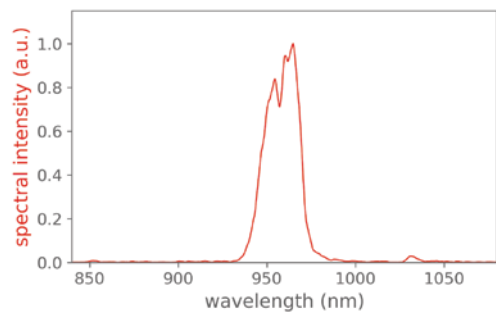
Applications

- Two and three-photon microscopy
- Volumetric brain imaging
- Scanning temporal focusing (sTeFo)
- Adaptive optics (AO)
- Multi-color imaging or hybrid imaging

Product specifications

PRODUCT	WAVELENGTH	POWER	REPTITION RATE	APPLICATION
WD 2P	960 nm	3 / 5 W	up to 10 MHz	2p - microscopy
WD 3P	1300 nm	3 / 5 W	up to 4 MHz	3p - microscopy
WD DUAL	1300 & 1700 nm	3 / 5 W	up to 2 MHz	3p - microscopy
WD HYBRID	960 & 1300 nm	3 / 5 W	up to 5 MHz	2p - and 3p microscopy

Performance examples



Beam profile

$$M^2_x < 1.2$$

$$M^2_y < 1.3$$

"Measurement data are examples. Specifications are subject to change without notice. Copyright 2022 Class 5 Photonics GmbH"

Find more info

www.class5photonics.com

