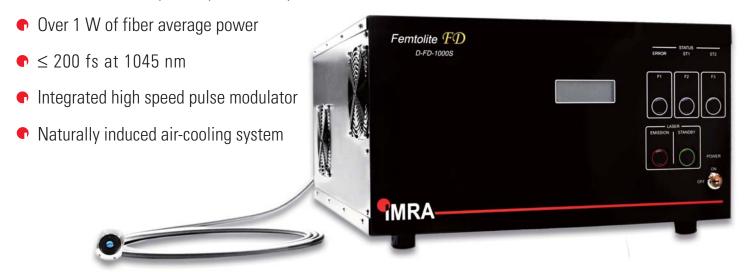
Femtolite FD/D-FD-1000S

Product Features

• Fiber-delivered fs pulse by 3-4 m of optical cable



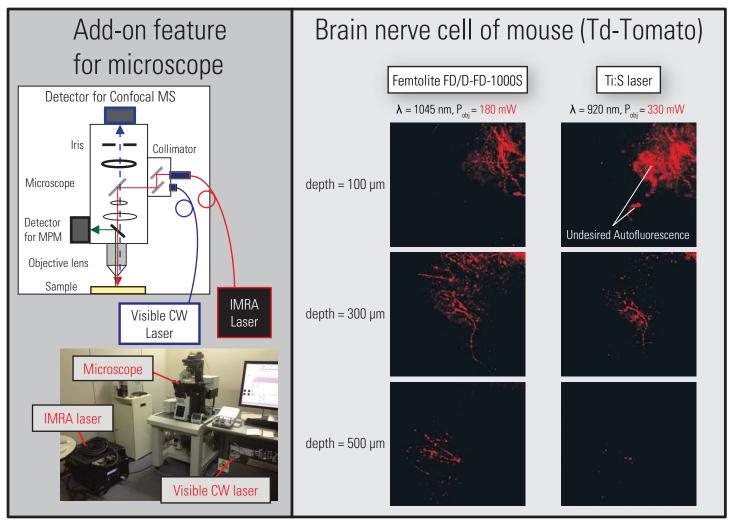
Specifications

Center Wavelength	1045 ± 5 nm
Average Power	≥ 1.0 W
Pulse Duration	≤ 200 fs: either at sample or fiber
Repetition Rate	50 ± 5 MHz
Power Modulation	AOM included (Modulation speed: <1µs)
Beam quality (M²)	< 1.3
Cooling	Air-cooling
Laser Size	500(W) x 540(D) x 270(H) mm
Operational Temperature	20-30°C
Fiber Length	3-4 m, Φ7.7 mm flexible armored cable



Multiphoton Microscopy Applications

- Attaches directly to existing microscopes
- Ideal for excitation of YFP, RFP, RCaMP, and others for imaging at a depth > 500 μm
- ◆ Integrated high speed blanking (< 1 µs) and variable power function
 </p>
- No need for an optical table



Courtesy of Prof. Miyawaki lab at RIKEN in Japan

