



Fluobeam[®] specifications

	Fluobeam [®] 700	Fluobeam [®] 800
Excitation	680 nm	780 nm
Emission collection	> 700 nm	> 820 nm
Working distance	15 cm	
Focal plane depth	2 cm	
Field of view	13 x 10 cm ²	
Resolution (focal plane)	250 μm/pixel	
Max image frame rate	25 images/sec	
Minimum exposure time	1 ms.	
Maximum exposure time	1 s.	
Number of bits of camera	12 bits	
Image size	696 x 520 pixels	
Image format	Tiff 16 bits	
Video format	Avi	
Software OS compatibility	Windows 7	
Laser class	Class 1	
Laser power	1.7mW/cm ²	7mW/cm ²
Laser lifetime	5 000 hours	
LED lifetime	10 000 hours	
Optical head size	70 mm diameter, 20 cm length	
Optical head weight	750 g.	
Sterile Cover	Available	

Last update: June, 2014

Confidential document - Copyright 2014 Fluoptics