

Microscopy Services Laboratory
UNC-CH Department of Pathology & Laboratory Medicine

Olympus FV 500 Confocal Laser Scanning Microscope

Manufacturers:

Olympus Corp.
Precision Instruments Division
4 Nevada Drive
Lake Success, NY 11042
www.olympusamerica.com

Biological Optical Technologies, Inc.
3560 Beck Rd.
Butler, PA 16002
www.bioptechs.com

Description:

The Olympus FV 500 is an inverted confocal laser scanning microscope also equipped for bright field, phase contrast, DIC and epi-fluorescence imaging. It has three confocal channels and one transmitted light channel. Excitation intensity is AOTF controlled. There are three lasers: multi-line argon, green HeNe and red HeNe. It is equipped with a Bioptechs live cell stage system for live cell imaging. It is fully computer controlled using Olympus' FLUOVIEW and TIEMPO software. This is a state-of-the-art microscope capable of carrying out all modes of confocal imaging.

Updated May 2006