

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

Zeiss LSM5 Pascal Confocal Laser Scanning Microscope

Manufacturer:

Carl Zeiss, Inc.  
One Zeiss Drive  
Thornwood, NY 10594  
[www.zeiss.com](http://www.zeiss.com)

Description:

Our Zeiss LSM5 Pascal is an inverted confocal laser scanning microscope also equipped for bright field, phase contrast, DIC and epi-fluorescence imaging. The system has two confocal channels and one transmitted light channel. It has a multi-line argon laser (458, 488, 514 nm excitation) and a green HeNe laser (543 nm excitation). The Zeiss Pascal is a state-of-the-art CLSM capable of all modes of confocal imaging. Both simultaneous and sequential acquisition of multi-channel data is possible.

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