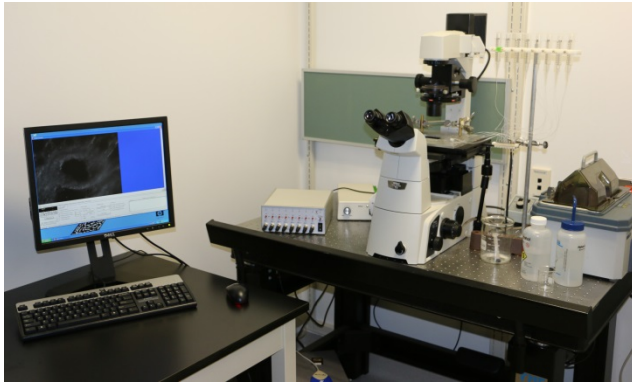


Lung Slice Imaging Microscope



An inverted research microscope coupled to video camera/video analysis software and an 8 channel perfusion valve control system.

Microscope	Nikon Eclipse Ti
Objectives	Phase Contrast: 4x, 10x and 20x
Automation	All manual
Illumination	Brightfield: Halogen lamp
Camera	Luminera Infinity 2 CCD video camera.
Software	IO Industries Video Savant Digital Video Recording Software
Other	Warner Instruments VC8 valve controller/software for control of 8 channel perfusion system.
Applications	<i>The system is specifically configured for in-situ analysis of agonist induced changes in airway lumen diameter using vibratome sectioned lung tissue slices.</i>