

LiT LiTone XL2 Lightsheet Microscope
Specifications

Item	
Objectives	• 4x 0.28 N.A., 25mm W.D. Apochromatic LWD • 10x 0.6 N.A., 8mm W.D. Multi-immersion Apochromatic Objective with Correction Collar for RI 1.33-1.58 • 25x 1.0 N.A., 8mm W.D. Multi-immersion Apochromatic Objective with Correction Collar for RI 1.42-1.58 • 16x 0.8 N.A., 3mm W.D. Water Dipping Objective
Illumination	4-sided
Lightsheet Thickness	• 1um • 2um • 4um
Lasers	• 405 nm • 488 nm • 561 nm • 647 nm
Transmission	• 423nm - 478nm • 504nm - 548nm • 582nm - 623nm • 677nm - 783nm
Detectors	sCMOS camera
Stage	Miniature piezo-motor sample stages
Sample Bath	• Standard: 50mmx50mmx28mm • Large: 50mmx125mmx28mm
Sample Holder	Holds samples from 0.5mm to 25mm
Offline Workstation	• LitScan XL • Imaris
Consumables available at BioCRF	• Sample holders • DCM (dichloromethane) • DBE (dibenzyl ether)