

## Total Internal Reflection Fluorescent (TIRF) Microscope

<b>Specification</b>	
Lasers	Diode 405nm (100mW); Sapphire 488nm (100mW); OBIS 561nm (50mW); Diode 642 nm (100mW)
Microscope	
Stand	Inverted: Nikon Eclipse Ti2-E
XY stage	Motorized scanning stage
Filter cubes	#49 DAPI; #43 DsRed; #38 EGFP; #50 Cy5; Quad Band Emitter 446(40)/523(50)/600(50)/677(40)
Objectives	10x 0.3Ph1; 20x0.5Ph1; 100x1.49 oil DIC
Accessories	LCI TC-L stage-top incubation system
TIRF Module	Roper iLas2
Detector	Evolve 512 EMCCD camera
Software	Windows 7, MetaMorph 7.10.2.240
<b>Application</b>	live cell imaging; TIRF; FRAP.