

Location	W505, Cell Signaling Centre, Medical building, University of Melbourne						
Stand	Upright Axio Imager.Z2						
Illumination	Transmitted				Fluorescence		
	LED (ESID system)				Illuminator HXP 120 V (Mercury Arc 120W)		
Filters	Name	Excitation	Dichroic	Emission			
	49 DAPI	G 365	FT395	BP 445/50	488049-0000		
	10 AF488	BP 450-490	FT510	BP 515-565	488010-0000		
	20 Rhod	BP 546/12	FT560	BP 575-640	488020-0000		
Lasers	Type		Wavelength			Maximum output	
	Diode		405nm			5mW	
	Diode		488nm			10mW	
	Diode		561nm			10mW	
	Diode		640nm			5mW	
Stage control	Motorised XY stage control with z-stack, tile scan and point visiting capability						
Objectives Specification	Magnification	Type	NA	Working distance	Coverslip Thickness		Resolution at 550nm
Plan-Apochromat 420640-9900-000	10x	Air	0.45	2 mm	0.17 (#1.5)	.	lateral:489 axial:1164
Plan-Apochromat 420650-9901-000	20x	Air	0.8	0.55mm	0.17 (#1.5)	.	lateral:275 axial:655
Plan-Apochromat 420762-9800-000	40x	Oil	1.3	0.21mm	0.17 (#1.5)		lateral:169 axial:403
Plan-Apochromat 420782-9900-799	63x	Oil	1.4	0.19mm	0.17 (#1.5)	DIC	lateral:157 axial:374
Detectors	#	Type	Details				
	1	Airy Scan	Airyscan detector, 32 channel GaAsP (Gallium Arsenide Phosphid) detector, optimised for 63x/1.4 oil objective				
	2	MA PMT	Fluorescence detectors (multialkali)				
	1	ESID	Transmitted light detector (Electronically Switchable Illumination and Detection module)				
Software	Zen 2.1						
Holder	Standard slide holder						
Applications	Fixed tissue						
File Saving	External USB / Via internal network						
Extra features							