

<b>Location</b>	N814, 8 <sup>th</sup> Floor, Medical building, University of Melbourne						
<b>Stand</b>	Upright Axio Imager.Z2						
<b>Illumination</b>	<b>Transmitted</b>			<b>Fluorescence</b>			
	LED (ESID system)			Illuminator HXP 120 V (Mercury Arc 120W )			
<b>Filters</b>	<b>Name</b>	<b>Excitation</b>	<b>Dichroic</b>	<b>Emission</b>			
	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		
<b>Lasers</b>	<b>Type</b>		<b>Wavelength</b>			<b>Maximum output</b>	
	Diode		405nm			5mW	
	Diode		488nm			10mW	
	Diode		561nm			10mW	
	Diode		640nm			5mW	
<b>Stage control</b>	Motorised XY stage control with z-stack, tile scan and point visiting capability						
<b>Objectives Specification</b>	<b>Magnification</b>	<b>Type</b>	<b>NA</b>	<b>Working distance</b>	<b>Coverslip Thickness</b>		<b>Resolution at 550nm</b>
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 420862-9970-000	40x	Water, Silicon Oil, Glycerol	1.2	0.41mm	0.15-0.19	.	lateral: 183 axial: 437
Plan-Apochromat 420782-9900-799	63x	Oil	1.4	0.19mm	0.17 (#1.5)	DIC	lateral:157 axial:374
<b>Detectors</b>	<b>#</b>	<b>Type</b>	<b>Details</b>				
	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)				
<b>Software</b>	Zen 2.3 (Blue)						
<b>Holder</b>	Standard slide holder						
<b>Applications</b>	Fixed tissue						
<b>File Saving</b>	External USB / Via internal network						