

Zeiss AxioScan.Z1 Slide Scanner  
Specifications

Item			
Objectives	<ul style="list-style-type: none"> <li>• 5X Fluar, dry, NA 0.25</li> <li>• 10X Plan Apo, dry, NA 0.45</li> <li>• 20X Plan Apo, dry, NA 0.8</li> <li>• 40X Plan Apo, dry, NA 0.95</li> </ul>		
Illumination	Transmitted light	LED (wavelength 400 to 700nm, maximum at 460nm)	
	Fluorescence	365nm, 385nm, 420 nm, 445nm, 455nm, 470nm, 505nm, 530nm, 590nm, 615nm, 625nm or neutral white: 540 - 580 nm, HXP 120 V	
Filter Sets	6-position high-speed excitation/ beamsplitter/ emission		
	38 shift free	<ul style="list-style-type: none"> <li>• HE</li> <li>• eGFP</li> </ul>	
	43 shift free	<ul style="list-style-type: none"> <li>• HE</li> <li>• Cy3</li> </ul>	
	49 shift free	<ul style="list-style-type: none"> <li>• DAPI</li> </ul>	
	50 shift free	<ul style="list-style-type: none"> <li>• Cy5</li> </ul>	
Camera	<ol style="list-style-type: none"> <li>1. Hitachi HV-F203SCL (brightfield)</li> <li>2. Hamamatsu Orca Flash 4.0 v3 (fluorescence)</li> </ol>		
Magazine	Capacity	<ul style="list-style-type: none"> <li>• 100 slides (26mm x 76mm)</li> <li>• 12 slides (52mm x 76mm)</li> </ul>	
	Tray	<ul style="list-style-type: none"> <li>• For 4 slides (26mm x 76mm)</li> <li>• For 2 slides (52mm x 76mm)</li> </ul>	
Usable Slides	26mm x 76mm	Length	73.5mm – 76.5mm
		Width	24mm – 26mm
		Thickness	0.8mm – 1.3mm
	52mm x 76mm	Length	73.5mm – 76.5mm
		Width	24mm – 26mm
		Thickness	0.8mm – 1.3mm
Software	ZEN 2.6		