

3DHISTECH PANNORAMIC
250 FLASH III Slide Scanner
Specifications

Item					
Objectives	20X Plan Apo, dry, NA 0.8 40X Plan Apo, dry, NA 0.95				
Illumination	Brightfield	Xenon			
	Fluorescence	LED			
Filter Sets	9-position filter turret				
	Contains a quad-band and 3 single-band channels:				
	Quad-band Channel	Example Dyes	Excitation	Emission	Dichroic/ Beamsplitter
	Blue	DAPI, BFP, Alexa Fluor 405	378/52	432/36	409nm
	Green	FITC, GFP (EGFP), Alexa Fluor 488	474/27	515/30	493nm
	Orange	TRITC, DsRed, dTomato, mRFP	554/23	595/31	573nm
	Red	Cy5, APC, Alexa Fluor 647	635/18	730/139	652nm
	Single-band Channel	Example Dyes	Excitation	Emission	Dichroic/ Beamsplitter
	Cy3	Cy3, DsRed, PE, 5-TAMRA, Calcium Orange, Alexa Fluor 555	531/40	593/40	562nm
	TxRed	Texas Red, Cy3.5, 5-ROX, Mitotracker Red, Alexa Fluor 568 & 594	562/40	624/40	593nm
	Cy7	Cy7, Alexa Fluor 750, ATTO 740, DiR	735/26	809/81	757nm
	Camera	25MP CMOS (brightfield) 4.2MP sCMOS (fluorescence)			

Magazine/ Rack	Capacity	300 slides - Each magazine carries 25 slides	
Usable Slides	26mm x 76mm	Length	75mm – 76.5mm
		Width	25mm – 26mm
		Thickness	0.9mm – 1.2mm
	45° beveled or 90° cut corners		
	Working area: 5mm away from the left edge of the slide 2cm away from the bottom of the slide		
Software	Scanning: Pannoramic Scanner Software Viewing: SlideViewer Format Conversion: SlideMaster		