

Pannoramic digital pathology scanners

	Technical Specifications				
	Pannoramic DESK II	Pannoramic MIDI II	Pannoramic SCAN II	Pannoramic 250 FLASH III	Pannoramic 1000
Slide loading capacity	1	12	150 or continuous loading	250 or continuous loading	1000
Double-width slide compatible	Yes	No	No	No	Yes
Objective type	20x (NA 0.8) or 40x (NA 0.95)	20x (NA 0.8) and 40x (NA 0.95)	20x (NA 0.8) and 40x (NA 0.95)	20x (NA 0.8) and 40x (NA 0.95)	
Brightfield scanning technology	5 MP 12-bit camera with RGB illumination (3-chip equivalent)	5 MP 12-bit or 4.2 MP 16-bit camera with RGB illumination (3-chip equivalent)		12 MP 12-bit camera with Xenon Flash illumination	
Optical magnification	58x	52x and 110x / 31x and 62x		41x/82x	
Pixel resolution (µm/pixel)	0.172	0.172 and 0.087 / 0.325 and 0.162		0.242 / 0.121	
Highest brightfield scanning speed*	6 min 30 sec	3 min 23 sec	2 min 30 sec	35 Sec (20x) / 1 Min 35 Sec (40X)	30 Sec (20x or 40x)
Average BF file size (native resolution)	2.6 GB (20x) / 7.9 GB (40x)	2.6 GB (20x) / 7.9 GB (40x)	1.2 GB (20x) / 3.7 GB (40x)	1.25 GB (20x) / 4.5 GB (40x)	
Highest throughput/hour	--	15	20	60	72
Fluorescence scanning technology	--	4.2 MP 16-bit camera with wideband / 6-channel LED		Additional 4.2 MP 16-bit camera with 6-channel LED	--
Highest fluorescence scanning speed**	--	6 min @ 31x 22 min @ 62x		5 min @ 31x 15 min @ 62x	--
Dimensions (W x D x H, cm)	38 x 31 x 25	70 x 50 x 50	74 x 53 x 45	68 x 69 x 55	154 x 100 x 91
Weight (kg)	12	23	26	46	270

* 15 x 15 mm area

** 10x10 mm area, 3 filters, 20 ms exposure