

# Pannoramic digital pathology scanners

	Technical Specifications				
	Pannoramic DESK II	Pannoramic MIDI II	Pannoramic SCAN II	Pannoramic 250 FLASH III	Pannoramic 1000
<b>Slide loading capacity</b>	1	12	150 or continuous loading	250 or continuous loading	1000
<b>Double-width slide compatible</b>	Yes	No	No	No	Yes
<b>Objective type</b>	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)	
<b>Brightfield scanning technology</b>	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	
<b>Optical magnification</b>	58x	52x and 110x / 31x and 62x		41x/82x	
<b>Pixel resolution (µm/pixel)</b>	0.172	0.172 and 0.087 / 0.325 and 0.162		0.242 / 0.121	
<b>Highest brightfield scanning speed*</b>	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)
<b>Average BF file size (native resolution)</b>	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)	
<b>Highest throughput/hour</b>	--	15	20	60	72
<b>Fluorescence scanning technology</b>	--	4.2 MP 16-bit camera with wideband / 6-channel LED		Additional 4.2 MP 16-bit camera with 6-channel LED	--
<b>Highest fluorescence scanning speed**</b>	--	6 min @ 31x 22 min @ 62x		5 min @ 31x 15 min @ 62x	--
<b>Dimensions (W x D x H, cm)</b>	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
<b>Weight (kg)</b>	12	23	26	46	270

\* 15 x 15 mm area

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