

Perkin Elmer Ultraview VOX Spinning Disc Confocal Microscope

Specification	
Lasers	405nm (50mW); 440nm (40mW); 488nm (40mW); 515nm (25mW); 561nm (50mW); 640nm (50mW)
Microscope	
Stand	Inverted: Nikon Eclipse Ti-E
XY stage	Motorized scanning stage, Piezo stage insert
Filter cubes	DAPI; FITC; TRITC; TEXAS Red; Cy5
Objectives	10x 0.45; 20x0.75; 40x0.95; 60X 1.4 Oil; 100X 1.45 Oil
Accessories	TOKAI HIT stage-top incubator Perfect Focus System Piezo Z stage insert
Scan Module	
Scan mode	xy, xyz, xyt, xyzt, xyzt & multi-position
Scanning speed	30f/s at full frame
Detector	Hamamatsu C9100-23B EMCCD Camera
Software	Windows 7, Volocity 6.3
Application	DIC/Phase contrast imaging; Xy 2D imaging; multi-spectrum fluorescence imaging; Z-stack 3D imaging; colocalization, live cell imaging; FRAP