



Specification
Sheet

Motic®
MORE THAN MICROSCOPY

PX43 Series

PX43 FS6





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PX43 FS6

Optical system	CCIS Infinitely Corrected Optical System
Observations	BF, PH, FL
Transmitted light illuminator	10W LED 50W halogen illuminator
Fluorescence light source	100W mercury lamps Metal halide fluorescent lamps LUMOS X LED fluorescent lamp LUMOS3
Observation tube	45° inclined trinocular tube with 360° rotatable tube (Optional light split ratio 100:0, 20:80/100:0, 0:100)
Eyepieces	FN22, 10x/22mm FN23, 10x/23mm FN16, 15x/16mm
Nosepieces	Coded Quintuple (5) Revolving Nosepiece
Objectives	Plan Achromat 4x PH0 N.A 0.10, W.D. 12.6 mm Plan Achromat 10x PH1 N.A 0.25, W.D. 4.1 mm LD Plan Achromat 20x PH1 N.A 0.30, W.D. 4.7 mm LD Plan Achromat 40x PH1 N.A 0.50, W.D. 3.0 mm LD Plan Achromat 40x PH2 N.A 0.50, W.D. 3.0 mm Plan Fluor 4x N.A 0.13, W.D. 17.2 mm Plan Fluor 10x N.A 0.3, W.D. 11.2 mm LD Plan Fluor 20x N.A 0.45, W.D. 5.0 mm LD Plan Fluor 40x N.A 0.65, W.D. 1.3 mm LD Plan Fluor 60x N.A 0.75, W.D. 1.0 mm Plan Fluor LWD 10x PH1 N.A 0.30, W.D. 11.2 mm Plan Fluor LWD 20x PH1 N.A 0.45, W.D. 5.0 mm Plan Fluor LWD 40x PH1 N.A 0.65, W.D. 1.3 mm
Stage	200mm x 239mm fixed stage with hard coated surface, which can resistant to scratching, scuffing and corrosion Optional mechanical carrier can be fitted with various sample cups
Condensers	Long working distance condenser N.A. 0.3, W.D. 72mm Long working distance condenser N.A. 0.5, W.D. 28mm
Focus	Stroke per revolution: 42mm/coarse adjustable, 0.2mm/fine adjustable; minimum increment: 0.002mm
Software (Optional)	Professional image processing software: Motic Analysis Bio