

PX43 Series

PX43 LED TRINOCULAR





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Optical system	Colour Corrected Infinity Optical System (CCIS [®])
Observation tube	Trinocular head, Siedentopf type, 360° swiveling
Inclination	45° inclined
Trinocular light split	100:0/20:80
Interpupillary distance	48-75 mm
Diopter adjustment	On both eyepieces, +/- 5 diopter
Eyepieces	Widefield WF10X/23 mm with diopter adjustment
Nosepiece	Left side facing quintuple
Objective classification	CCIS [®] UC Plan Achromatic, DIN
Objectives	Plan 4X/0.10 (WD 12.6 mm), Plan UC LWD PH1 10X/0.25 (WD 10,2 mm), Plan UC LWD PH1 20X/0,40 (WD 8,2 mm)
Objective mounting thread	W 4/5"x1/36" (RMS standard)
Stand type	Inverted
Stage	Plain stage with metal and glass stage inserts
Stage size	200x239 mm
Condenser	Focusable and centerable ELWD condenser N.A. 0.30 (WD 72 mm)
Diaphragm	Iris diaphragm
Focus mechanism	Coaxial coarse and fine focusing system with tension adjustment
Fine focus precision	2 µm
Focusing stroke	10 mm
Free working distance	Working distance without condenser 231 mm
Filter holder	On the illuminator (for 3 filters)
Transmitted illumination	Köhler 10W LED with intensity control
Illumination features	Auto-OFF and light memory function; multifunction control knob with light source selection, ECO timer, and illumination presets for objectives and filters
Transformer	Internal
Power supply	100-240V (CE)
Other features	OLED display with real-time microscope status and settings.
Accessories included	Dust cover, power cord, Allen key, green interference filter, phase slider, phase ring PH1, centering telescope, centering keys.
Dimensions LxWxH	611x233x571 mm
Net weight	13.2 kg
Notes	Transport and storage case
Contrast Techniques	
Brightfield	Standard configuration
Phase Contrast	Standard configuration
Fluorescence	Not upgradeable