

PA53 BIO Series

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Optical system	Colour Corrected Infinity Optical System (CCIS®)
Observation tube	Tilting trinocular head, Siedentopf type
Inclination	15° - 45° inclined
Trinocular light split	100:0/50:50/0:100
Interpupillary distance	55-75mm
Diopter adjustment	On both eyepieces, +/- 4 diopter
Eyepieces	Widefield WF10X/23mm with diopter adjustment
Intermediate body	Simple intermediate arm with head and nosepiece holder, connecting cable for intelligent light function & AMS sensor
Nosepiece	Reversed sextuple, coded
Objective classification	CCIS® UC Plan Achromatic (Pb free)
Objectives	4X/0.10 (WD 30.5mm), 10X/0.25 (WD 17.4mm), 40X/0.65/S (WD 0.6mm), Fluo 50X/1.20/S-Oil (WD 0.1mm)
Objective mounting thread	W 4/5"x1/36" (RMS standard)
Stand type	Upright
Stage	Stage with anti-abrasive surface, FL shutter, low coaxial telescopic position control, yet position and tension adjustable
Stage size	320x170mm
Travel range X&Y	80x52mm
Condenser	Focusable and centerable Abbe condenser N.A. 0.90 with slot for contrast sliders
Diaphragm	Iris diaphragm
Focus mechanism	Coaxial coarse and fine focusing system with tension adjustment
Fine focus precision	1µm
Focusing stroke	29.5mm - Coarse:17.7mm/revolution - Fine: 0.1mm revolution (1µm scale)
Upper limit stop	Upper limit stop preset but adjustable
Filter	ND6, ND25, LBD
Filter holder	Integrated filters
Incident illumination	-
Transmitted illumination	Köhler LED 10W with intensity control
Illumination features	Power saving mode ECO function, LED voltage indicator and Intelligent Light function
Transformer	Internal
Power supply	110-240V (CE)
Accessories included	Dust cover, power cord, Allen key, immersion oil (5ml)
Dimensions LxWxH	576x247x457
Net weight	19.2kg
Notes	-