

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	2X/0.05 (WD 7.2mm), 4X/0.10 (WD 30.5mm), 10X/0.25 (WD 17.4mm), 20X/0.45 (WD 0.8mm), 40X/0.65/S (WD 0.6mm)
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 achromatic swing-out condenser N.A. 0.90/0.13
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
Dimensions LxWxH	576x247x457
Net weight	19.2kg
Notes	-