

PA53 BIO Series

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<b>Optical system</b>	Colour Corrected Infinity Optical System (CCIS®)
<b>Observation tube</b>	Trinocular head, Siedentopf type
<b>Inclination</b>	30° inclined
<b>Trinocular light split</b>	100:0/20:80/0:100
<b>Interpupillary distance</b>	50-75mm
<b>Diopter adjustment</b>	On both eyepieces, +/- 4 diopter
<b>Eyepieces</b>	Widefield WF10X/23mm with diopter adjustment
<b>Intermediate body</b>	Simple intermediate
<b>Nosepiece</b>	Reversed quintuple, coded
<b>Objective classification</b>	CCIS® UC Plan Achromatic (Pb free)
<b>Objectives</b>	4X/0.10 (WD 30.5mm), 10X/0.25 (WD 17.4mm), 40X/0.65/S (WD 0.6mm), 100X/1.25/S-Oil (WD 0.16mm)
<b>Objective mounting thread</b>	W 4/5"x1/36" (RMS standard)
<b>Stand type</b>	Upright
<b>Stage</b>	Mechanical stage with built-in low position rackless coaxial stage control and sample holder
<b>Stage size</b>	220x170mm
<b>Travel range X&amp;Y</b>	80x55mm
<b>Condenser</b>	Focusable and centerable Abbe condenser N.A. 0.90/1.25 with slot for contrast sliders
<b>Diaphragm</b>	Iris diaphragm
<b>Focus mechanism</b>	Coaxial coarse and fine focusing system with tension adjustment
<b>Fine focus precision</b>	1µm
<b>Focusing stroke</b>	29.5mm - Coarse: 17.7mm/revolution - Fine: 0.1mm/revolution (1µm scale)
<b>Upper limit stop</b>	Upper limit stop preset but adjustable
<b>Filter</b>	ND6, ND25, LBD
<b>Filter holder</b>	Integrated filters
<b>Transmitted illumination</b>	Köhler Quartz halogen 12V/100W with intensity control
<b>Illumination features</b>	Power saving mode ECO function, LED voltage indicator and Intelligent Light function
<b>Transformer</b>	Internal
<b>Power supply</b>	110-240V (CE)
<b>Accessories included</b>	Dust cover, power cord, Allen key, immersion oil (5ml)
<b>Dimensions LxWxH</b>	576x247x457
<b>Net weight</b>	19.2kg