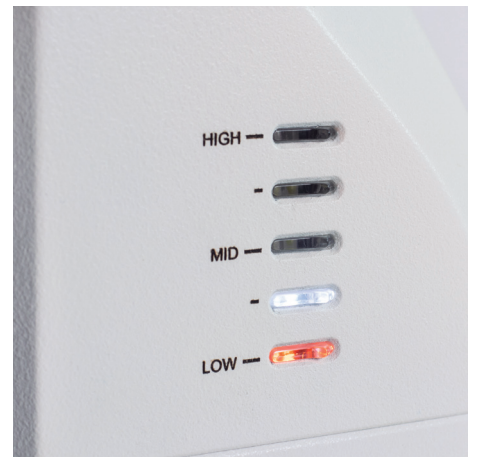


PA53 BIO Series

PA53 BIO FS6 EDF





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|----------------------------------|--|
| Optical system | Colour Corrected Infinity Optical System (CCIS [®]) |
| Observation tube | Trinocular head, Siedentopf type |
| Inclination | 30° inclined |
| Trinocular light split | 100:0/20:80/0:100 |
| Interpupillary distance | 50-75mm |
| Diopter adjustment | On both eyepieces, +/- 4 diopter |
| Eyepieces | Widefield WF10X/23mm with diopter adjustment |
| Intermediate body | Epi-Fluorescence illuminator LUMOS LED with 6 position coded fluorescence turret and DAPI, FITC and TRITC filter cubes mounted |
| Nosepiece | Reversed quintuple, coded |
| Objective classification | CCIS [®] HPlan S-APO (Fluor) |
| Objectives | 4X/0.13 (WD 17.3mm), 10X/0.3 (WD 11.7mm), 20X/0.5 (WD 2.2mm), 40X/0.75/S (WD 0.7mm), 100X/1.3/S-Oil (WD 0.1mm) |
| Objective mounting thread | W 4/5"x1/36" (RMS standard) |
| Stand type | Upright. Auto EDF focusing function, motorized Z-axis (stroke 30mm) with control box and control pad |
| Stage | Mechanical stage with built-in low position rackless coaxial stage control and sample holder |
| Stage size | 220x170mm |
| Travel range X&Y | 80x55mm |
| Condenser | Focusable and centerable Abbe condenser N.A. 0.90/1.25 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 | LUMOS High-power LED FL light source (Optional: Mercury light source) |
| Transmitted illumination | Köhler Quartz halogen 12V/100W with intensity control |
| Illumination features | Power saving mode ECO function, LED voltage indicator and Intelligent Light function |
| Software | Motic Images Plus 3.0 software with plug-in FL channel merge |
| Transformer | Internal |
| Power supply | 110-240V (CE) |
| Accessories included | Dust cover, power cord, Allen key, immersion oil (5ml), 2 empty filter cubes, UV light blocking tube, UV light protective shield |
| Dimensions LxWxH | 648x247x513 |
| Net weight | 29.7kg |