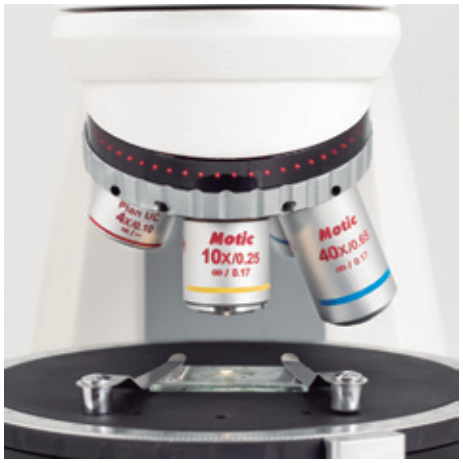
Specification
Sheet

Motic®
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PANTHERA TEC POL Series

PANTHERA TEC POL BINOCULAR









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PANTHERA TEC POL Series

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Optical system	Colour Corrected Infinity Optical System (CCIS®)
Observation tube	Binocular head, Siedentopf type
Inclination	25º inclined
Interpupillary distance	48-75mm
Diopter adjustment	On both eyepieces, +/- 4 diopter
Eyepieces	Widefield UC-WF10X/22mm with diopter adjustment
Intermediate Body	Rotatable analyzer 360º, Bertrand lens and slot for compensators
Nosepiece	Reversed quintuple, coded with single centering holes
Objective classification	CCIS® UC Plan Achromatic (strain-free), DIN
Objectives	4X/0.1 (WD 30.5mm), 10X/0.25 (WD 17.4mm), 40X/0.65/S (WD 0.6mm), 60X/0.8/S (WD 0.35mm)
Objective mounting thread	W 4/5"x1/36" (RMS standard)
Stand type	Upright
Stage	Circular rotating 360º, lockable
Stage size	Ø160mm
Travel range X&Y	1º increments, 0,1º vernier scale
Condenser	Focusable and centerable Achromat Swing-out Abbe condenser N.A. 0.90/0.13 (strain-free) and rotatable polarizer
Diaphragm	Iris diaphragm
Focus mechanism	Coaxial coarse and fine focusing system with tension adjustment
Fine focus precision	2µm
Focusing stroke	25mm
Upper limit stop	Upper limit stop preset but adjustable
Filter holder	On top of the illuminator with fixing cap
Transmitted illumination	Koehler LED 3W & Quartz halogen 6V/30W with intensity control
Illumination interchangeability	Halogen/LED and LED color temperature interchangeability
Illumination features	Motic LightTracer: Light memory, sleep mode (auto on-off), nosepiece LED light intensity and mode indicator
Transformer	Internal
Power supply	110-240V (CE)
Other features	USB 2.0 for external camera power
Accessories included	Dust cover, power cord, Allen key, blue filter, halogen bulb, LED module, adjustable key for nosepiece, interference color chart, screws for metal extension support
Dimensions LxWxH	410x300x395mm
Net weight	10.4kg