Motic®

MORE THAN MICROSCOPY

PANTHERA TEC MAT Series

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PANTHERA TEC MAT BD
(6"x4")

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Optical system	Colour Corrected Infinity Optical System (CCIS®)
Observation tube	Trinocular head, Siedentopf type, 360° swiveling
Inclination	25° inclined, 360° swivelling
Trinocular light split	Fixed 50:50
Interpupillary distance	48-75mm
Diopter adjustment	On both eyepieces, +/- 4 diopter
Eyepieces	Widefield UC-WF10X/22mm with diopter adjustment
Intermediate Body	Epi-illuminator LED with integrated field and aperture diaphragms and slots for analyzer and polarizer
Nosepiece	Reversed quintuple, coded
Objective classification	CCIS® BD Plan Achromatic & S-Apo (Pb free), DIN (for Brightfield and Darkfield)
Objectives	5X/0.13 (WD 17.3mm), 10X/0.25 (WD 16.3mm), 20X/0.40 (WD 7.3mm), S-Apo 50X/0.80 (WD 1mm)
Objective mounting thread	M32
Stand type	Upright
Stage	Mechanical stage, hard coated with built-in low position coaxial stage control and glass plate
Stage size	300x180mm
Travel range X&Y	150x100mm (6"x4")
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
Incident illumination	LED 3W smart segmental ringlight with integrated field and aperture diaphragms
Illumination interchangeability	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, screws for metal extension support
Dimensions LxWxH	410x300x450mm
Net weight	10.5kg