

PANTHERA TEC MAT Series

PANTHERA TEC MAT BD-T (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") |
| Condenser | LED condenser |
| 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 |
| Transmitted illumination | 0.06Wx39 LEDs |
| 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 | 10.7kg |