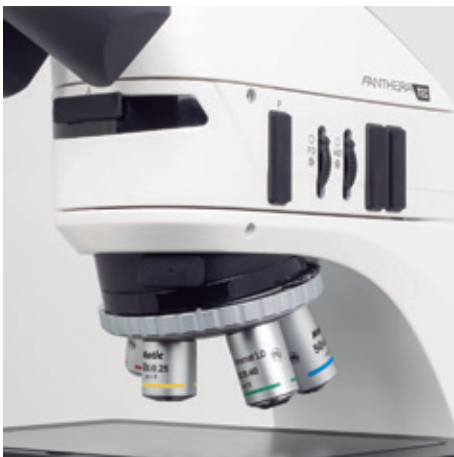


PANTHERA TEC MAT Series

# PANTHERA TEC MAT BF (6"x4")





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|  |   |
|--|---|
| <b>Optical system</b>                  | Colour Corrected Infinity Optical System (CCIS <sup>®</sup> )   |
| <b>Observation tube</b>                | Trinocular head, Siedentopf type, 360° swiveling  |
| <b>Inclination</b>                     | 25° inclined, 360° swivelling   |
| <b>Trinocular light split</b>          | Fixed 50:50   |
| <b>Interpupillary distance</b>         | 48-75mm   |
| <b>Diopter adjustment</b>              | On both eyepieces, +/- 4 diopter  |
| <b>Eyepieces</b>                       | Widefield UC-WF10X/22mm with diopter adjustment   |
| <b>Intermediate Body</b>               | Epi-illuminator LED with integrated field and aperture diaphragms and slots for analyzer and polarizer      |
| <b>Nosepiece</b>                       | Reversed quintuple, coded   |
| <b>Objective classification</b>        | CCIS <sup>®</sup> LD Plan Achromatic & S-Apo (Pb free), DIN   |
| <b>Objectives</b>                      | 5X/0.13 (WD 20.3mm), 10X/0.25 (WD 17.5mm), 20X/0.40 (WD 8.1mm), S-Apo 50X/0.80 (WD 1mm)                     |
| <b>Objective mounting thread</b>       | W 4/5"x1/36" (RMS standard)   |
| <b>Stand type</b>                      | Upright   |
| <b>Stage</b>                           | Mechanical stage, hard coated with built-in low position coaxial stage control and glass plate              |
| <b>Stage size</b>                      | 300x180mm   |
| <b>Travel range X&amp;Y</b>            | 150x100mm (6"x4")   |
| <b>Focus mechanism</b>                 | Coaxial coarse and fine focusing system with tension adjustment   |
| <b>Fine focus precision</b>            | 2µm   |
| <b>Focusing stroke</b>                 | 25mm  |
| <b>Upper limit stop</b>                | Upper limit stop preset but adjustable  |
| <b>Incident illumination</b>           | LED 3W with integrated field and aperture diaphragms  |
| <b>Illumination interchangeability</b> | LED color temperature interchangeability  |
| <b>Illumination features</b>           | Motic LightTracer: Light memory, sleep mode (auto on-off), nosepiece LED light intensity and mode indicator |
| <b>Transformer</b>                     | Internal  |
| <b>Power supply</b>                    | 110-240V (CE)   |
| <b>Other features</b>                  | USB 2.0 for external camera power   |
| <b>Accessories included</b>            | Dust cover, power cord, Allen key, screws for metal extension support                                       |
| <b>Dimensions LxWxH</b>                | 410x300x450mm   |
| <b>Net weight</b>                      | 10.4kg  |