



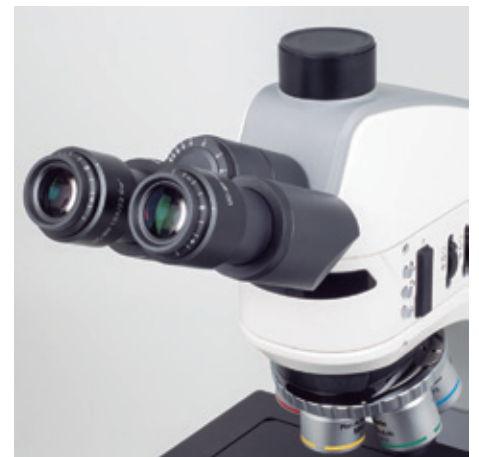
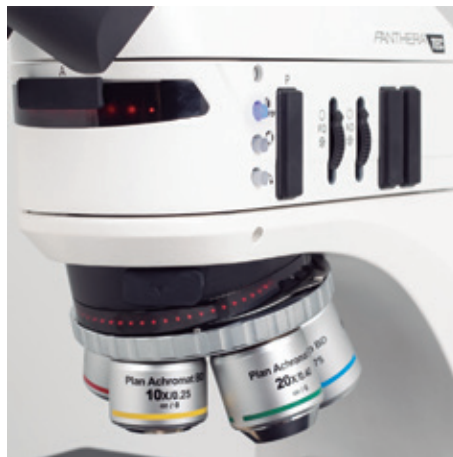
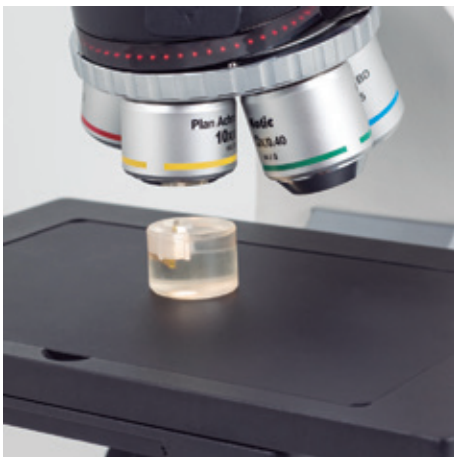
Specification  
Sheet

**Motic**<sup>®</sup>

MORE THAN MICROSCOPY

PANTHERA TEC MAT Series

# PANTHERA TEC MAT BD (6"x4")





PANTHERA TEC MAT Series

**PANTHERA TEC MAT BD (6"x4")**

<b>Optical system</b>	Colour Corrected Infinity Optical System (CCIS®)
<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® BD Plan Achromatic & S-Apo (Pb free), DIN (for Brightfield and Darkfield)
<b>Objectives</b>	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)
<b>Objective mounting thread</b>	M32
<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 smart segmental ringlight 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>	10.5kg