



PANTHERA TEC POL Series

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<b>Optical system</b>	Colour Corrected Infinity Optical System (CCIS <sup>®</sup> )
<b>Observation tube</b>	Trinocular head, Siedentopf type
<b>Inclination</b>	25° inclined
<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/20mm with diopter adjustment
<b>Intermediate Body</b>	Epi-illuminator LED with rotatable analyzer 360°, Bertrand lens, fixed polarizer and slot for compensators
<b>Nosepiece</b>	Reversed quintuple, coded with single centering holes
<b>Objective classification</b>	CCIS <sup>®</sup> LD Plan Achromatic & UC Plan (strain-free), DIN
<b>Objectives</b>	5X/0.13 (WD 17.3mm), 10X/0.25 (WD 16.3mm), 20X/0.40 (WD 7.3mm), UC 40X/0.65/S (WD 0.6mm)
<b>Objective mounting thread</b>	W 4/5"x1/36" (RMS standard)
<b>Stand type</b>	Upright
<b>Stage</b>	Circular rotating 360°, lockable
<b>Stage size</b>	Ø160mm
<b>Travel range X&amp;Y</b>	1° increments, 0,1° vernier scale
<b>Condenser</b>	Focusable and centerable Achromat Swing-out Abbe condenser N.A. 0.90/0.13 (strain-free) and rotatable polarizer
<b>Diaphragm</b>	Iris diaphragm
<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>Filter holder</b>	On top of the illuminator with fixing cap
<b>Incident illumination</b>	LED 3W with integrated field and aperture diaphragms
<b>Transmitted illumination</b>	Koehler LED 3W & Quartz halogen 6V/30W with intensity control
<b>Illumination interchangeability</b>	Halogen/LED and 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, blue filter, halogen bulb, adjustable key for nosepiece, interference color chart, screws for metal extension support
<b>Dimensions LxWxH</b>	410x300x450mm
<b>Net weight</b>	10.4kg