

PANTHERA U Series

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<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>Nosepiece</b>	Reversed quintuple, coded
<b>Objective classification</b>	CCIS UC Plan Achromatic (Pb free), DIN
<b>Objectives</b>	4X/0.10 (WD 30.5mm), 10X/0.25 (WD 17.4mm), 40X/0.65/S (WD 0.6mm), 100X/1.25/S-Oil (WD 0.16mm)
<b>Objective mounting thread</b>	W 4/5"x1/36" (RMS standard)
<b>Stand type</b>	Upright
<b>Stage</b>	Compact mechanical stage with built-in low position rackless coaxial stage control and sample holder
<b>Stage size</b>	185x145mm
<b>Travel range X&amp;Y</b>	75x50mm
<b>Condenser</b>	Focusable and centerable Abbe condenser N.A. 0.90/1.25 with slot for contrast sliders
<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
<b>Transmitted illumination</b>	Fixed Koehler LED 3W with intensity control
<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, immersion oil (5ml)
<b>Dimensions LxWxH</b>	282x210x396mm
<b>Net weight</b>	8.3kg