

PANTHERA U Series

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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
Nosepiece	Reversed quintuple, coded
Objective classification	CCIS UC Plan Achromatic (Pb free), DIN
Objectives	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)
Objective mounting thread	W 4/5"x1/36" (RMS standard)
Stand type	Upright
Stage	Compact mechanical stage with built-in low position rackless coaxial stage control and sample holder
Stage size	185x145mm
Travel range X&Y	75x50mm
Condenser	Focusable and centerable Abbe condenser N.A. 0.90/1.25 with slot for contrast sliders
Diaphragm	Iris diaphragm
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
Filter holder	On top of the illuminator
Transmitted illumination	Fixed Koehler LED 3W with intensity control
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, immersion oil (5ml)
Dimensions LxWxH	282x210x396mm
Net weight	8.3kg