



# PANTHERA U Binocular

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UNIVERSITY

<b>Optical System</b>	Colour Corrected Infinity Optical System (CCIS®)
<b>Observation Tube</b>	Binocular head, Siedentopf type
<b>Interpupillary distance (mm)</b>	48-75
<b>Inclination</b>	25° inclined, 360° swivelling
<b>Eyepieces</b>	UC-WF10X/22
<b>Eyepieces diopter adjustment</b>	+/- 5 dpt
<b>Nosepiece</b>	Reversed quintuple, coded
<b>Objective classification</b>	Plan UC Achromat objectives (Pb free)
<b>Objectives</b>	4X/0.1 (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" x 1/36" (RMS standard)
<b>Stage</b>	Compact and rackless stage
<b>Stage size (mm)</b>	185x145
<b>Travel range X&amp;Y (mm)</b>	75x50
<b>Upper limit stop</b>	Preset; adjustable
<b>Condenser</b>	N.A. 0.90 / 1.25 Abbe condenser with slider slot
<b>Focus mechanism</b>	Coaxial; tension adjustment
<b>Minimum fine focus precision (µm)</b>	2
<b>Z-axis movement (mm)</b>	25
<b>Illumination type</b>	3W LED, fixed Koehler
<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>Connectivity</b>	USB for external camera power
<b>Power supply</b>	110-240V (CE)
<b>Accessories included</b>	Immersion oil 5ml, power cord, dust cover, allen key
<b>Dimensions L x W x H (mm)</b>	282x210x394
<b>Weight (Kg)</b>	8,3