



PANTHERA L

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LIFE SCIENCES

Optical System	Colour Corrected Infinity Optical System (CCIS®)
Observation Tube	Binocular head, Siedentopf type
Interpupillary distance (mm)	48-75
Inclination	25° inclined, 360° swivelling
Eyepieces	UC-WF10X/22
Eyepieces diopter adjustment	+/- 5 dpt
Nosepiece	Reversed quintuple, coded
Objective classification	Plan UC Achromat objectives (Pb free)
Objectives	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)
Objective mounting thread	W 4/5" x 1/36" (RMS standard)
Stage	Compact and rackless stage
Stage size (mm)	185x145
Travel range X&Y (mm)	75x50
Upper limit stop	Preset; adjustable
Condenser	N.A. 0.90 / 1.25 Abbe condenser with slider slot
Focus mechanism	Coaxial; tension adjustment
Minimum fine focus precision (µm)	2
Z-axis movement (mm)	25
Filter holder	On top of the illuminator with fixing cap
Illumination type	3W LED module / 30W Halogen module, Koehler illumination
Illumination interchangeability	Halogen / LED and LED color temperature interchangeability
Illumination features	Motic LightTracer: Light memory, sleep mode (auto on-off), nosepiece LED light intensity and mode indicator
Digital Features	Built-in Smart CAM & ImagingOnDevice System (Panthera App embeded). 5 GB internal memory
Connectivity	HDMI, USB 2.0 for external Devices (x2), Wi-Fi, RJ-45
Power supply	110-240V (CE)
Accessories included	Blue filter, immersion oil 5ml, power cord, dust cover, allen key, spare HAL bulb and LED module
Dimensions L x W x H (mm)	282x210x394
Weight (Kg)	8,8